

Tampa Theater

Electrical Service Lighting Upgrade & Renovation Tampa, Florida

Mechanical and Electrical Engineers:
Architect:
Consultants:

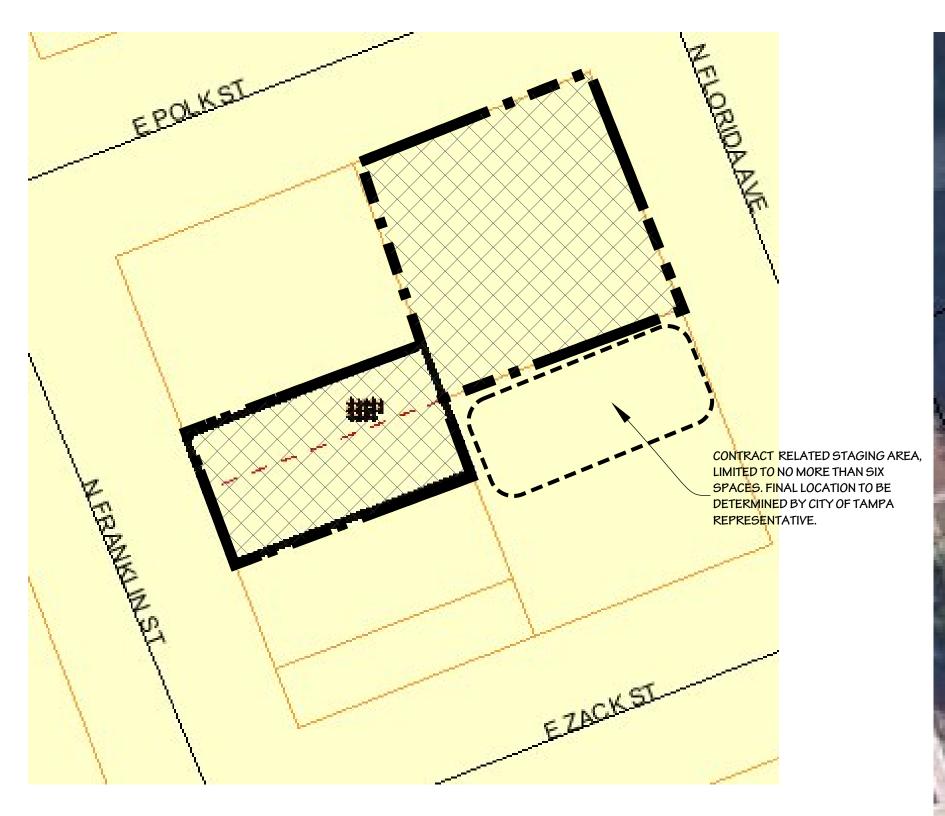
VoltAir Engineers Consulting Engineers
Design Harmonics Architecture, Inc
Theatre Consultants Collaborative, Inc

GENERAL CONSTRUCTION NOTES

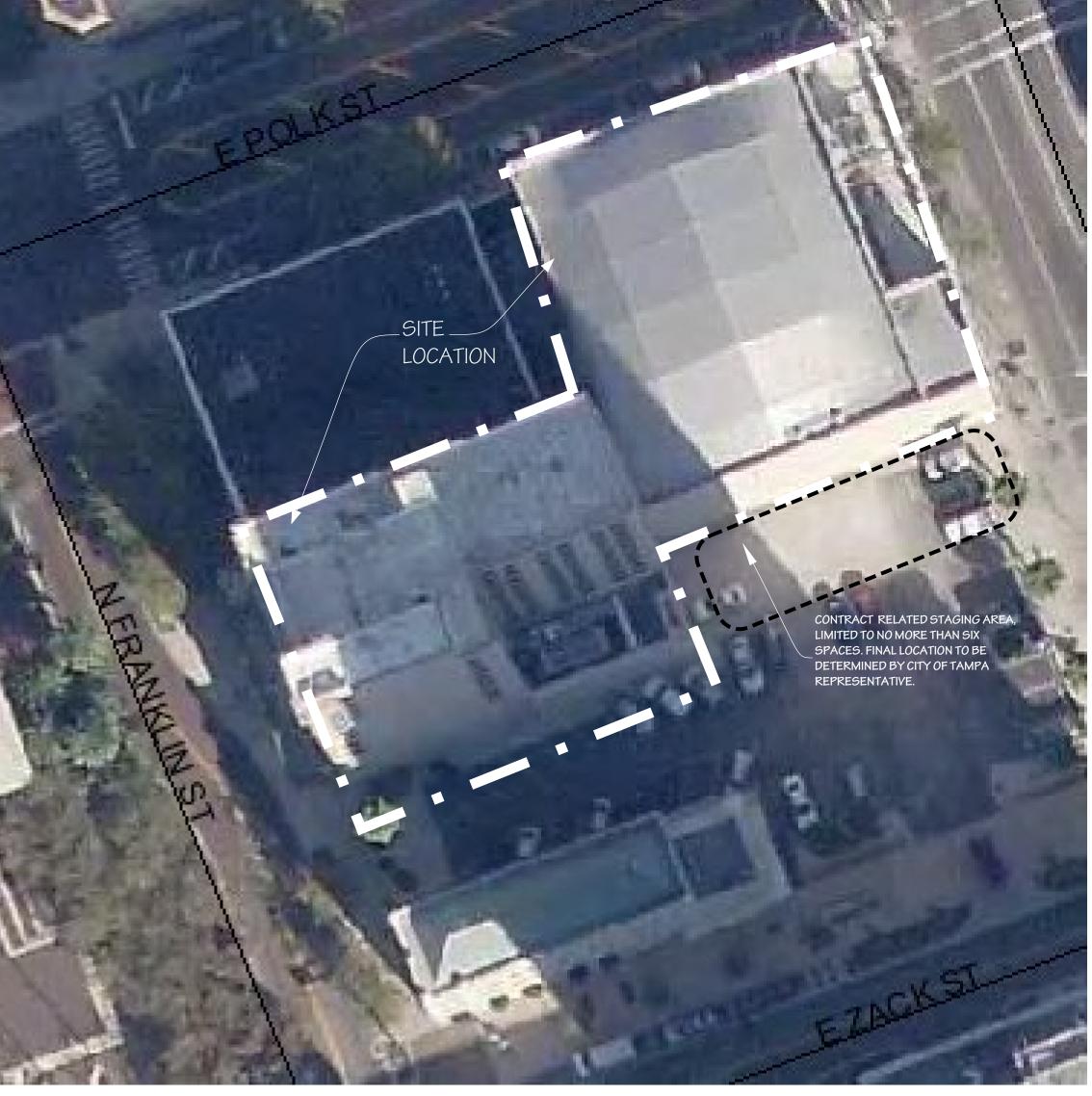
- SUB-CONTRACTORS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVISES AS REQUIRED BY STATE AND LOCAL CODES AND REQUIREMENTS INDICATED ON PROJECT DOCUMENTS. THE SUBMISSION OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR. EQUIPMENT. OR MATERIALS REQUIRED. OR FOR DIFFICULTIES ENCOUNTERED WHICH WOULD HAVE BEEN FORESEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ALLOWED.
- 2. ALL WORK PERFORMED BY OWNER'S CONTRACTOR SHALL BE PERFORMED IN A FIRST CLASS AND WORKMANLIKE MANNER AND WITH NEW MATERIALS.
- 3. OWNER'S CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE OWNER REGARDING COORDINATION OF WORK IN THE BUILDING.
- 4. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE RESEALED TO THE ORIGINAL FIRE RATING WITH 3M #303 FIRE SEAL PUTTY OR EQUAL
- 5. ALL NEW WALLBOARD SHALL HAVE ITS JOINTS TAPED, SPACKLED, AND SANDED SMOOTH, IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN RECOMMENDATIONS. WALLBOARD SHALL BE MADE READY FOR THE FINISH MATERIAL SCHEDULED.
- 6. CEILING FIXTURES SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURE. (SECURELY FASTENED AS PER NEC 410-16(C).)
- 7. THE NAMES AND PRODUCT NUMBERS OF CERTAIN MANUFACTURERS LISTED ON THE DRAWINGS. ARE TO ESTABLISH THE MINIMUM ACCEPTABLE STANDARD. OTHER PRODUCTS OF OTHER MANUFACTURERS, MAY BE SUBSTITUTED IF THE TENANT APPROVES THESE PRODUCTS AS EQUAL IN QUALITY AND COMPATIBLE WITH THE GENERAL DESIGN.
- 8. INSTALLATION OF ALL FINISHED MATERIALS SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRTITEN INSTRUCTIONS. DO NOT INSTALL ANY FINISH MATERIAL UNTIL SUBSTRATE HAS BEEN PREPARED TO RECEIVE NEW MATERIAL INSTALLATION OF ANY AND ALL FINISH MATERIAL ACKNOWLEDGES ACCEPTANCE OF SUBSTRATE.
- 9. ALL ROOF PENETRATIONS REQUIRED FOR INSTALLATION OF DUCTS AND VENTS THROUGH THE ROOF SHALL IN NO *CASE*, VOID OR LIMIT IN ANY WAY, THE ROOF'S BOND/WARRANTY/GUARANTEE.
- 10. PROVIDE DEAD WOOD/BLOCKING WITHIN THE WALL CAVITIES FOR ANCHORING ALL WALL CABINETS, SHELVING STANDARDS. TOILET ROOM ACCESSORIES, WALL MOUNTED DOOR STOPS, CHAIR RAILS, AND OWNER FURNISHED WALL MOUNTED CLOCKS, ETC. SECURE BLOCKING TO THE STUDS AT THE APPROPRIATE HEIGHT FOR INSTALLATION AND ANCHORING OF THE ITEMS DESCRIBED ABOVE.
- 11. NOTIFY ARCHITECT IMMEDIATELY OF ANY UNDOCUMENTED OR UNEXPECTED CONDITIONS.
- 12. CONTRACTOR SHOULD FIELD VERIFY ALL EXISTING CONDITIONS/
 DIMENSIONS PRIOR TO SUBMITTING BID, AND SHOULD NOTIFY
 ARCHITECT AND TAMPA THEATER IMMEDIATELY UPON DISCOVERY OF
 DISCREPANCIES BETWEEN EXISTING CONDITIONS AND PLANS. FAILURE
 TO DO SO SHOULD CONSTITUTE THAT THE CONTRACTOR AGREES WITH
 ALL EXISTING CONDITIONS AS SHOWN ON PLANS.
- 13. DIMENSIONS ARE TO THE CLEAR FACE OF THE WALL UNLESS OTHERWISE NOTED.
- 14. ALL WALL FRAMING DETAILS, UNLESS OTHERWISE NOTED ARE INTENDED TO BE OF WOOD CONSTRUCTION.

15.

- 16. PROVIDE CEILING MOUNTED SMOKE DETECTORS AS REQUIRED.
- 17. PROVIDE BACKER ROD AND ELASTOMERIC SEALANT TO SEAL AND MAKE WATERTIGHT ALL JOINTS ON THE EXTERIOR OF THE BUILDING AND JOINTS ON THE INTERIOR WHERE DAMPNESS OR MOVEMENT IS ANTICIPATED. PROVIDE CAULKING COMPOUND AT INTERIOR JOINTS WHERE FILLING AND CLOSING OF JOINT IS PRIMARILY FOR APPEARANCE. PROVIDE SEALANT IN APPROPRIATE COLORS FROM ONE OF THE FOLLOWING: SIKAFLIX, VULKEM.









LEGAL DESCRIPTION:

TAMPA THEATRE BUILDING A CONDOMINIUM COMMON AREA BOOK 3771, PAGE 1574 PIN: A-24-29-18-8ML-000000-C0000.0

CONSTRUCTION NOTES:

SUB-CONTRACTORS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVESWITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVISES AS REQUIRED BY STATE AND LOCAL CODES AND REQUIREMENTS INDICATED ON PROJECT DOCUMENTS. THE SUBMISSION OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCEWITH GOVERNING CODES/REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH WOULD HAVE BEEN FORSEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ALLOWED.

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OWNER'S CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE OWNER REGARDING COORDINATION OF WORK IN THE BUILDING.

ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE RESEALED TO THE ORIGINAL FIRE RATINGS WITH 3M #303 FIRE SEAL PUTY OR APPROVED EQUAL.

Harmonics Architecture AA 26001084 3810 Murrell Road, #309 Rockledge, FL 32955 3030 N Rocky Point Drive, Ste 150 Tampa, FL 33607 Tel: (813)-350-7997 Fax: (813)-350-7801 designharmonicsarchitecture.net

Seal
Wayne Rosier
AR 0013113

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Indimensions and job conditions
It all be checked by the contractor the ho shall be responsible for the Har ame; any and all discrepencies Unit all be reported to the architects use ior to the start of construction.

CONSULTING ENGINEE

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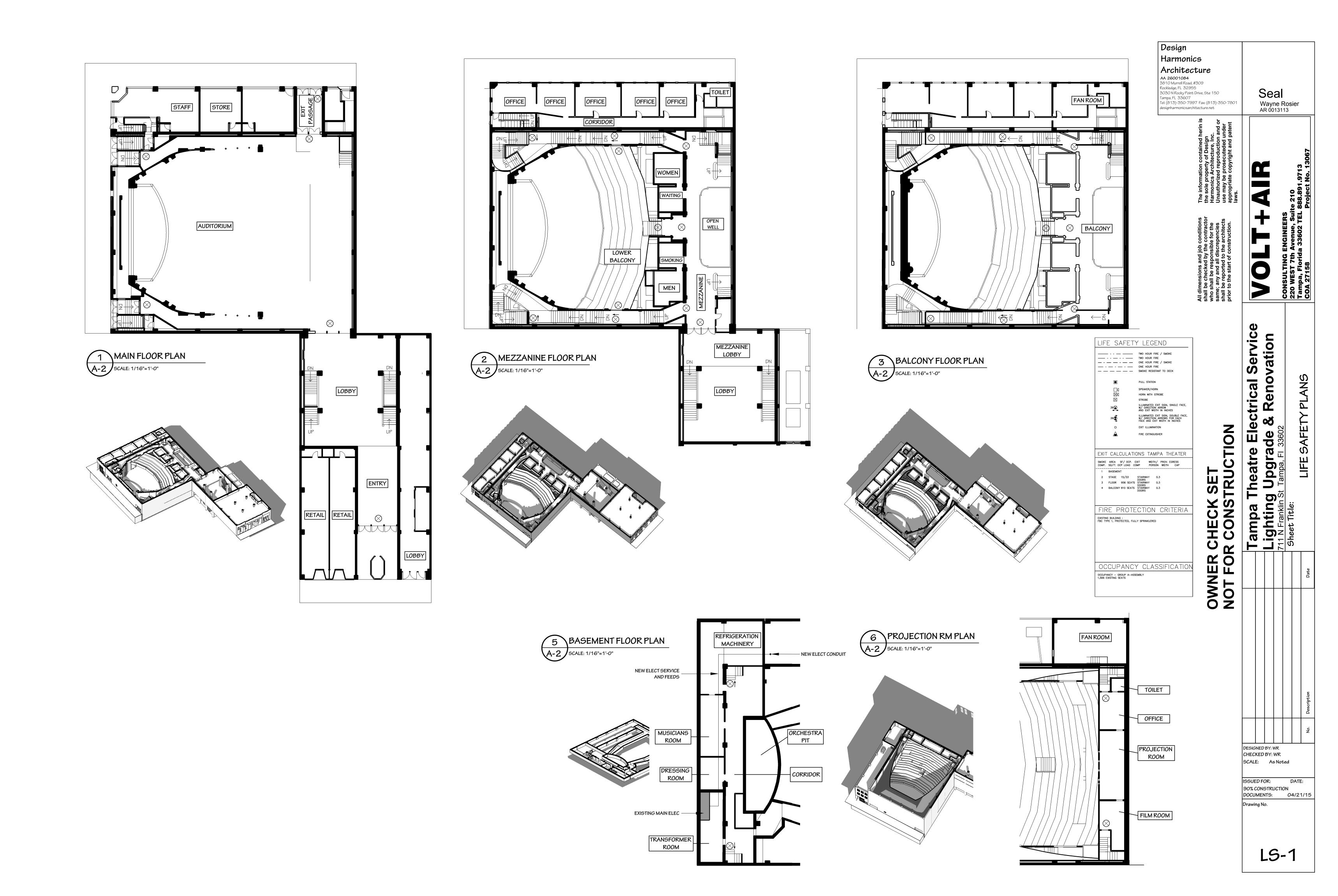
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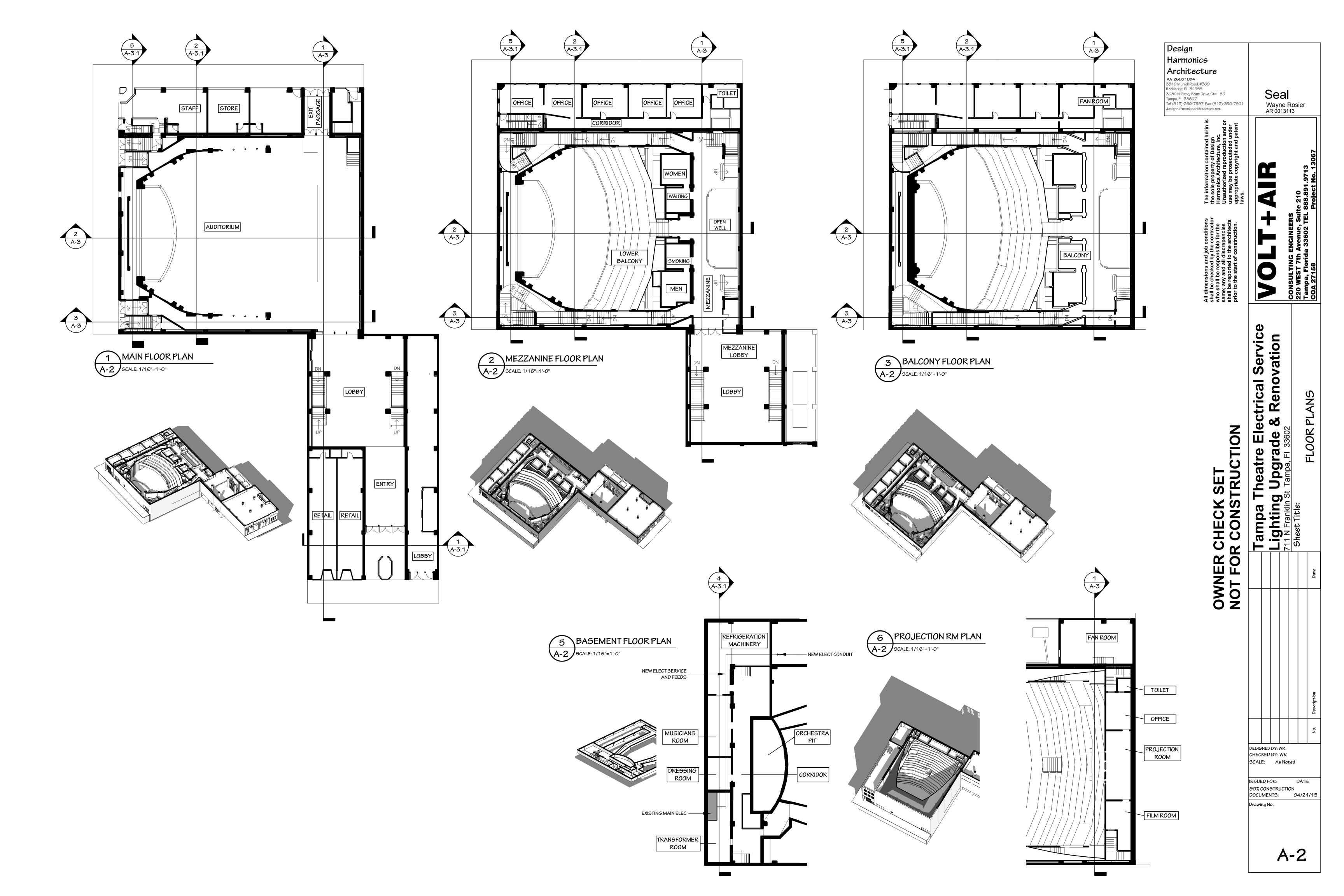
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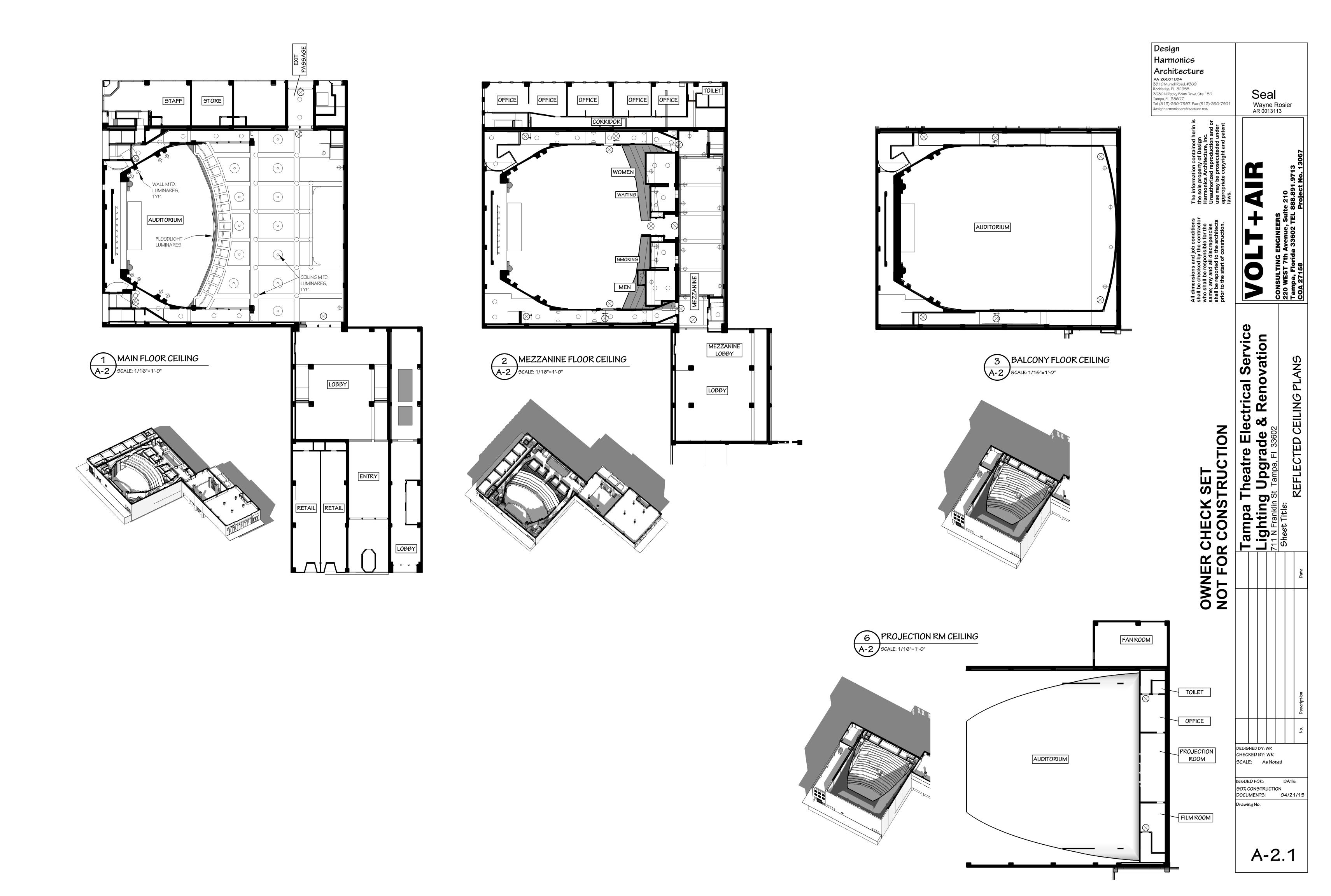
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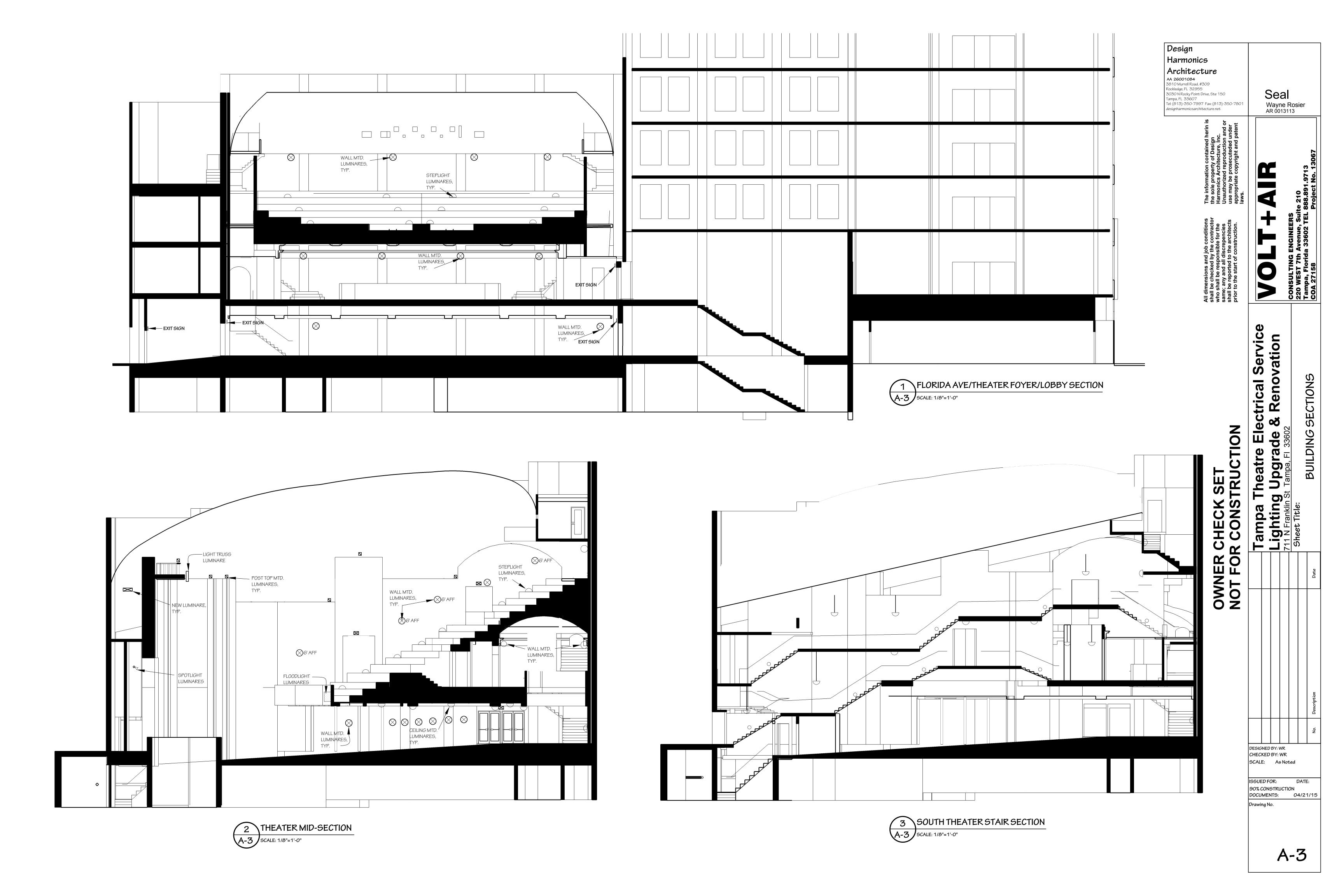
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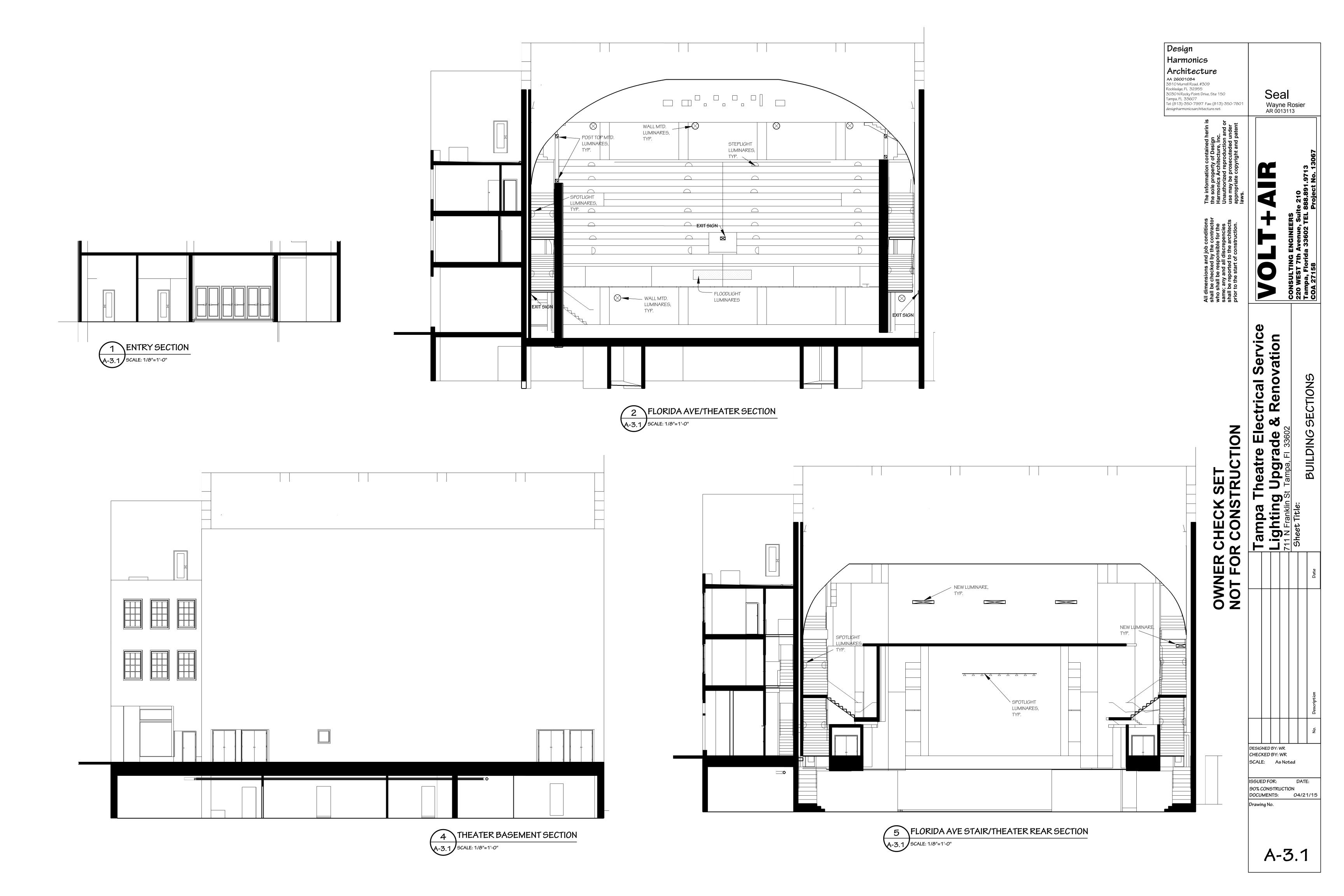
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SPECIFICATIONS

I. SCOPE OF WORK

A. ALL WORK SHALL BE IN COMPLIANCE WITH THE LATEST APPLICABLE CODES, LAWS AND ORDINANCES, AND THE NATIONAL ELECTRICAL CODE. PROVIDE AND FURNISH ALL LABOR, MATERIALS, PERMITS, AND INCIDENTALS REQUIRED TO COMPLETE ALL WORK AS SHOWN ON CONTRACT DOCUMENTS.

B. CONTRACTOR SHALL INSPECT ALL NEW MATERIAL AND EQUIPMENT PRIOR TO INSTALLATIONS FOR DAMAGES, AND SHALL VERIFY EQUIPMENT OPERATES SATISFACTORILY.

C. CONTRACTOR SHALL WARRANT ALL MATERIAL AND EQUIPMENT FURNISHED TO COMPLETE ALL WORK FOR ONE YEAR AFTER FINAL ACCEPTANCE OF COMPLETION. MATERIALS AND EQUIPMENT DEFECTS OF FAILURES DUE TO ABUSE, OR WORKMANSHIP NEGLECT SHALL BE MADE GOOD BY THE CONTRACTOR WITHOUT COST TO THE OWNER.

D. PROVIDE ONLY NEW, STANDARD UNDERWRITER'S LABORATORY INC. LISTED FIRST-GRADE MATERIALS THROUGHOUT, AND SHALL BE MARKED WITH UNDERWRITER'S LABORATORY INC. LISTED AND WITH MANUFACTURER'S BRAND OR TRADEMARK. ALL MATERIALS SHALL BE OF ONE MANUFACTURER.

E. CONTRACTOR SHALL BE EXPERIENCED IN THEIR TRADE. CONTRACTOR'S WORK SHALL PRESENT A NEAT APPEARANCE UPON COMPLETION. MATERIALS AND EQUIPMENT INSTALLED SHALL BE PLUMB, STRAIGHT, AND LEVEL.

F. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND OWNER ON EXACT LOCATION OF WIRING DEVICES AND RACEWAY FOR OWNER-FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.

G. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL TEST ALL WIRING AND EQUIPMENT INSTALLATION, AND SHALL BE IN PERFECT WORKING CONDITION IN ACCORDANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS.

H. REFER TO 'BOOK' SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. THE 'BOOK' SPECIFICATIONS ARE PART OF THE CONSTRUCTION DOCUMENTS.

		LIGHTI	NG FIXTURE SCHEDULE		
	TYPE	DESCRIPTION	MANUFACTURER	LAMP TYPE	VOLTAGE
	A	4' LED FIXTURE	SLF-4-PH35/840-HIA-ED*PH-UNV	LED	UNIV
	AE	4' LED EMERGENCY FIXTURE	SLF-4-PH35/840-HIA-EM/BSL310-ED*PH-UNV	LED	UNIV
	P	METALLIC LED VAPORPROOF FIXTURE	VB-W-LED-13-NW-GHC-G-DC	LED	120V
EYIT	X	BATTERY EXIT SIGN	LITHONIA #LQM-S-W-3-G-120/277-EL N THERMOPLASTIC EMERGENCY EXIT	INCL	UNIV

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1. EXIT LIGHTS SHALL BE CONNECTED TO THE NEAREST UNSWITCHED CIRCUIT.

2. HALF SHADED FIXTURES ARE DESIGNATED AS NIGHT LIGHTS AND SHALL OPERATE CONTINUOSLY.

3. FINAL FIXTURE COLORS AND FINISHES SHALL BE SELECTED AND APPROVED BY OWNER/ARCHITECT.

		LIGHTING
	SYMBOL	DESCRIPTION
		CEILING MOUNTED 2'x2' / 2'x4' LIGHT FIXTURE - RECESSED NORMAL POWER
		CEILING MOUNTED 2'x2' / 2'x4' LIGHT FIXTURE - RECESSED LIFE SAFETY POWER / NL = NIGHT LIGHT
		CEILING MOUNTED 2'x2' / 2'x4' LIGHT FIXTURE - RECESSED CRITICAL POWER
		CEILING MOUNTED 1'x4' LIGHT FIXTURE - RECESSED SURFACE OR PENDANT MOUNTED - NORMAL POWER
		CEILING MOUNTED 1'x4' LIGHT FIXTURE - RECESSED SURFACE OR PENDANT MOUNTED - LIFE SAFETY POWER
		CEILING MOUNTED 1'x4' LIGHT FIXTURE - RECESSED SURFACE OR PENDANT MOUNTED - CRITICAL POWER
	• () •	CEILING MOUNTED 1'x4' LIGHT FIXTURE PENDANT MOUNTED - NORMAL POWER
		CEILING MOUNTED 1'x4' LIGHT FIXTURE PENDANT MOUNTED - LIFE SAFETY POWER
	• ()•	CEILING MOUNTED 1'x4' LIGHT FIXTURE PENDANT MOUNTED - CRITICAL POWER
	$\vdash \bigcirc \vdash$	FLUORESCENT STRIP LIGHT FIXTURE - NORMAL POWER
		FLUORESCENT STRIP LIGHT FIXTURE - LIFE SAFETY POWER
	\longrightarrow	FLUORESCENT STRIP LIGHT FIXTURE - CRITICAL POWER
	0	DOWN LIGHT FIXTURE - NORMAL POWER
]		DOWN LIGHT FIXTURE - LIFE SAFETY POWER
	Ø	DOWN LIGHT FIXTURE - CRITICAL POWER
	Q	WALL MOUNTED LIGHT FIXTURE - NORMAL POWER
	Q	WALL MOUNTED LIGHT FIXTURE - LIFE SAFETY POWER
	Q	WALL MOUNTED LIGHT FIXTURE - CRITICAL POWER
	\mathcal{K}	CEILING FAN
	*****	TRACK LIGHTING
	# # # #	PENDANT LIGHTING
	0000	VANITY LIGHTING
		UNDERCOUNTER LIGHTING
-	P	FLOOD LIGHT FIXTURE
	<u></u>	POLE LIGHT FIXTURE
		BOLLARD LIGHT FIXTURE
		STEP LIGHT FIXTURE
	♦ ♦	EMERGENCY LIGHT UNIT
		EXIT LIGHT - SINGLE FACE WITH DIRECTIONAL ARROW
		EXIT LIGHT - DOUBLE FACE

	SWITCHES
SYMBOL	DESCRIPTION
\$A	SINGLE POWER TOGGLE SWITCH (LETTER DENOTES FIXTURE CONTROLLED)
\$3	THREE-WAY TOGGLE SWITCH
\$4	FOUR-WAY TOGGLE SWITCH
\$м	MOTOR SWITCH
\$F	FAN SWITCH
\$ _{3P}	THREE POSITION SELECTOR SWITCH
\$т	TIMER SWITCH (60 MINUTES)
\$LV	LOW VOLTAGE SWITCH
\$ноа	HAND-OFF-AUTOMATIC SWITCH
\$к	KEY SWITCH
\$wp	SWITCH - WEATHERPROOF
\$os	WALL SWITCH OCCUPANCY SENSOR
\$DOS	DUAL-LEVEL OCCUPANCY SENSOR SWITCH
OS) _{AREA}	OCCUPANCY SENSOR - CEILING MOUNTED
OS) _{AREA}	OCCUPANCY SENSOR - WALL MOUNTED
PC	PHOTOCELL
LC	LIGHTING CONTACTOR
TC	TIME CLOCK

EXIT LIGHT - WALL MOUNTED

	RECEPTACLES
SYMBOL	DESCRIPTION
Ф	DUPLEX RECEPTACLE, 20 AMP, 120V U.O.N.
Ф	DUPLEX RECEPTACLE, 20 AMP, 120V U.O.N. MOUNTED AT 48" UNLESS NOTED OTHERWISE
#	QUADRUPLEX RECEPTACLE, 20 AMP, 120V U.O.N.
⊕	QUADRUPLEX RECEPTACLE, 20 AMP, 120V U.O.N.
Φ	SINGLE RECEPTACLE, 20 AMP, 120V U.O.N.
Ф	GFI - TYPE DUPLEX RECEPTACLE WP: DENOTES WEATHERPROOF COVER
Ħ	GFI - TYPE DOUBLE DUPLEX RECEPTACLE
ф	GFI - DUPLEX RECEPTACLE MOUNTED AT 48" UNLESS NOTED OTHERWISE
Ħ	GFI - DOUBLE DUPLEX RECEPTACLE MOUNTED AT 48" UNLESS NOTED OTHERWISE
•	SPECIAL PURPOSE RECEPTACLE (NEMA RATING AS INDICATED)
₩	QUADRUPLEX RECEPTACLE, TICK MARKS DENOTE EMERGENCY (TYPICAL ALL RECEPTACLES)
Ф	DUPLEX RECEPTACLE - HALF SWITCHED
Ф	DUPLEX RECEPTACLE - CEILING MOUNTED
Ф _{IG}	DUPLEX RECEPTACLE WITH ISOLATED GROUND
II	POWER / DATA POKE-THRU
E P	PHONE / DATA POLE AS INDICATED WITH (2) TWO 20 AMP 120V DUPLEX RECEPTACLES, UNLESS NOTED OTHERWISE
0	JUNCTION BOX - CEILING MOUNTED
φ	JUNCTION BOX - WALL MOUNTED
J	JUNCTION BOX - FLOOR / GROUND MOUNTED

FIRE ALARM

FACP: FIRE ALARM CONTROL PANEL FATC: FIRE ALARM TERMINAL CABINET

FIRE ALARM MANUAL PULL STATION

FAAP: FIRE ALARM ANNUNCIATOR PANEL EVAC: FIRE ALARM VOICE / EVAC. UNIT

DESCRIPTION

SYMBOL

TAGI

\boxtimes	FIRE ALARM STROBE ONLY DEVICE MINIMUM 75cd RATING
$\boxtimes \lhd$	FIRE ALARM HORN / STROBE DEVICE MINIMUM 75cd RATING
	FIRE ALARM HORN / SPEAKER DEVICE MINIMUM 75cd RATING
	FIRE ALARM SPEAKER DEVICE
	FIRE ALARM HORN DEVICE MINIMUM 75cd RATING
\otimes	FIRE ALARM STROBE ONLY DEVICE MINIMUM 75cd RATING - CEILING MOUNTED
⊗⊲	FIRE ALARM HORN / STROBE DEVICE MINIMUM 75cd RATING - CEILING MOUNTED
⊗⊲	FIRE ALARM SPEAKER / STROBE DEVICE MINIMUM 75cd RATING - CEILING MOUNTED
O ₄	FIRE ALARM SPEAKER DEVICE - CEILING MOUNTED
O ₄	FIRE ALARM HORN DEVICE MINIMUM 75cd RATING - CEILING MOUNTED
M	FIRE ALARM MINI-HORN DEVICE
①	FIRE ALARM HEAT DETECTOR - CEILING MOUNTED
(1)	FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED SB: SOUNDER BASE I: IONIC CO: CARBON MONOXIDE
	FIRE ALARM SMOKE DETECTOR - WALL MOUNTED SB: SOUNDER BASE CO: CARBON MONOXIDE UF: UNDERFLOOR
▼ ^F	FIREMEN'S PHONE
J/H	FIREMEN'S AREA OF REFUGE PHONE (J: JACKH: HANDSET)
S/R	FIRE ALARM DUCT SMOKE DETECTOR S: SUPPLYR: RETURN
9	TAMPER SWITCH
\$	FLOW SWITCH
R	FIRE ALARM SHUT-DOWN RELAY
DC	ELECTROMAGNETIC DOOR CONTACT
DH	DOOR HOLDER
RA	FIRE ALARM REMOTE ALARM INDICATOR WITH TEST SWTICH, FLUSH CEILING MOUNTED, WALL MTD. C.L. 48" A.F.F. IN MECHANICAL ROOMS

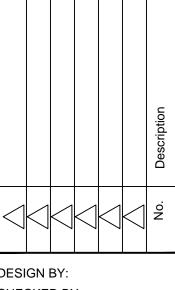
□ 3P/60A 3R	DISCONNECT SWITCH, NON-FUSIBLE 3 POLE, 60 AMP, NF = NON-FUSED, 3R = NEMA 3R ENCLOSURE
1	DISCONNECT SWITCH, FUSIBLE 3 POLE, 60 AMP, FUSED AT 50 AMPS, 3R = NEMA 3R ENCLOSURE
1 3P/60A NEMA X 3R	COMBINATION STARTER / DISCONNECT SWITCH, FUSIBLE 3 POLE, 60 AMP, NEMA X SIZE, 3R = NEMA 3R ENCLOSURE
×	MAGNETIC MOTOR STARTER
4	ENCLOSED CIRCUIT BREAKER, AS INDICATED
	PANELBOARD, 480 / 277V
	PANELBOARD, 208 / 120V
МН	MANHOLE
НН	HAND HOLE
SPD	SURGE PROTECTION DEVICE
	ELECTRICAL METER
TX	TRANSFORMER
	MOTOR CONNECTION, HP: DENOTES HORSEPOWER RATING
	EXHAUST FAN
<u> </u>	GROUND BUS BAR
•	PUSHBUTTON
——————————————————————————————————————	UNDERGROUND COMMUNICATIONS CONDUIT UNDERGROUND ELECTRCAL CONDUIT
	3/4" PLYWOOD TELEPHONE BACKBOARD
	CONCRETE ENCASED DUCTBANK
	HOMERUN TO PANEL INDICATED (CONCEALED) NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS IN CONDUIT
	WIRE IN CONDUIT CONCEALED, #12 AWG SIZE WIRE IN 1/2" CONDUIT MINIMUM UNLESS OTHERWISE NOTED
	WIRE IN CONDUIT CONCEALED BELOW SLAB OR GRADE
	EMPTY CONDUIT
	CONDUIT EXPOSED
~~~~	FLEXIBLE CONDUIT
0	CONDUIT TURNING UP
c	CONDUIT TURNING DOWN
<u> </u>	CONDUIT STUB

MISCELLANEOUS

SYMBOL DESCRIPTION

### GENERAL NOTES:

- 1. #12 AWG NEUTRAL CONDUCTOR ALTHOUGH NOT INDICATED SHALL BE INCLUDED FOR EACH BRANCH CIRCUIT UNLESS OTHERWISE NOTED.
- 2. #12 AWG GREEN GROUND CONDUCTOR, ALTHOUGH NOT INDICATED SHALL BE INCLUDED IN EACH RACEWAY UNLESS OTHERWISE NOTED.
- 3. HOME RUNS TO PANEL BOARDS SHALL HAVE A MAXIMUM OF THREE (3) PHASE CONDUCTORS (ONE PER PHASE) PLUS DEDICATED NEUTRAL FOR EACH PHASE CONDUCTOR AND GROUND CONDUCTOR IN EACH CONDUIT.
- 4. ALL SYMBOLS SHOWN MAY NOT BE USED.



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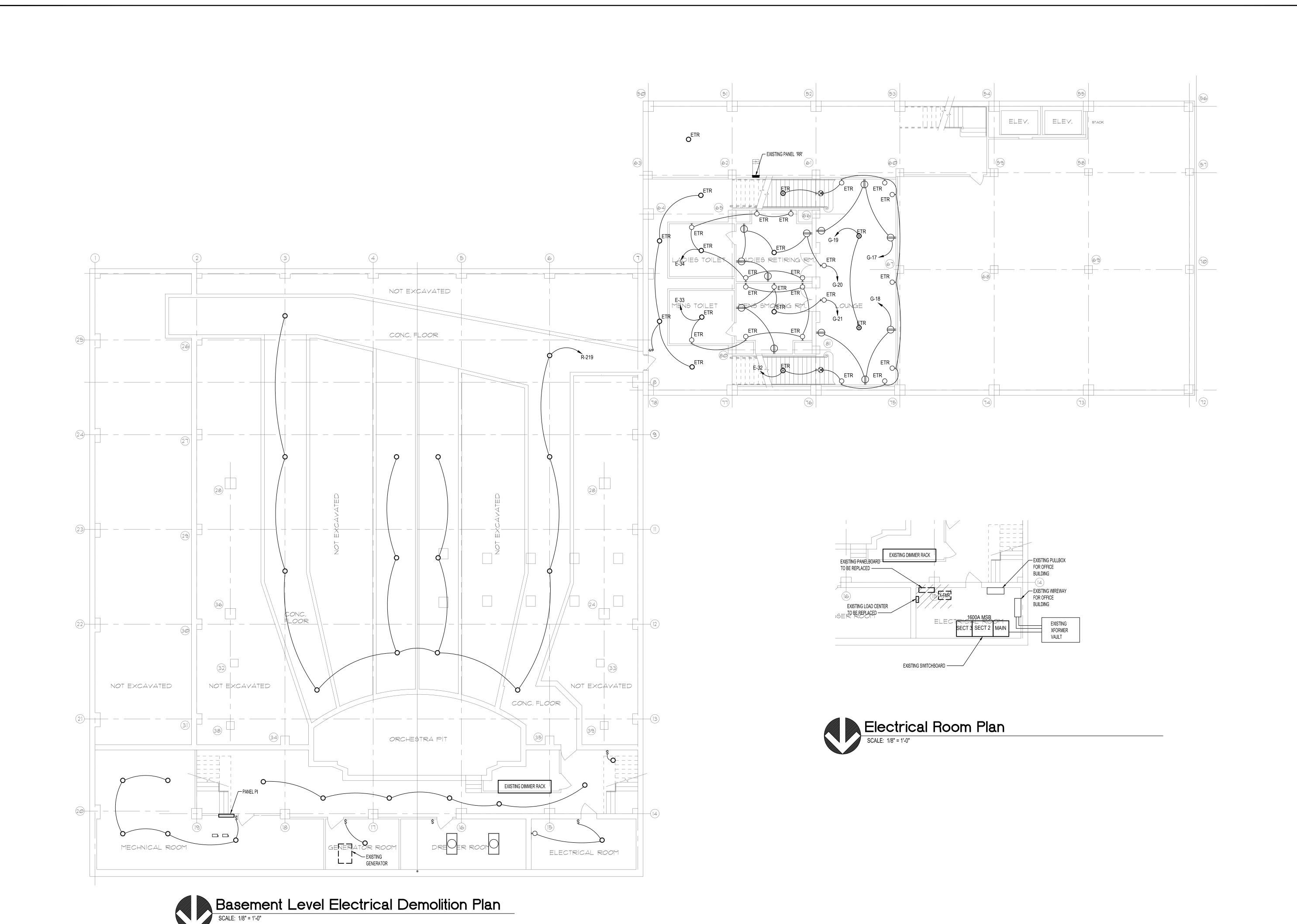
Theatrical Lighting ad Renovation

Theatre Upgrade

Tampa

ISSUED FOR: 90% Construction Documents

Drawing No.



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CONSULTING ENGINEERS

220 WEST 7th Avenue, Suite 210

Tampa, Florida 33602 TEL 888.891.9713

COA 27158

Project No. 01.18

Tampa Theatre - Theatrical Lighting
Upgrade and Renovation

Tampa, Florida

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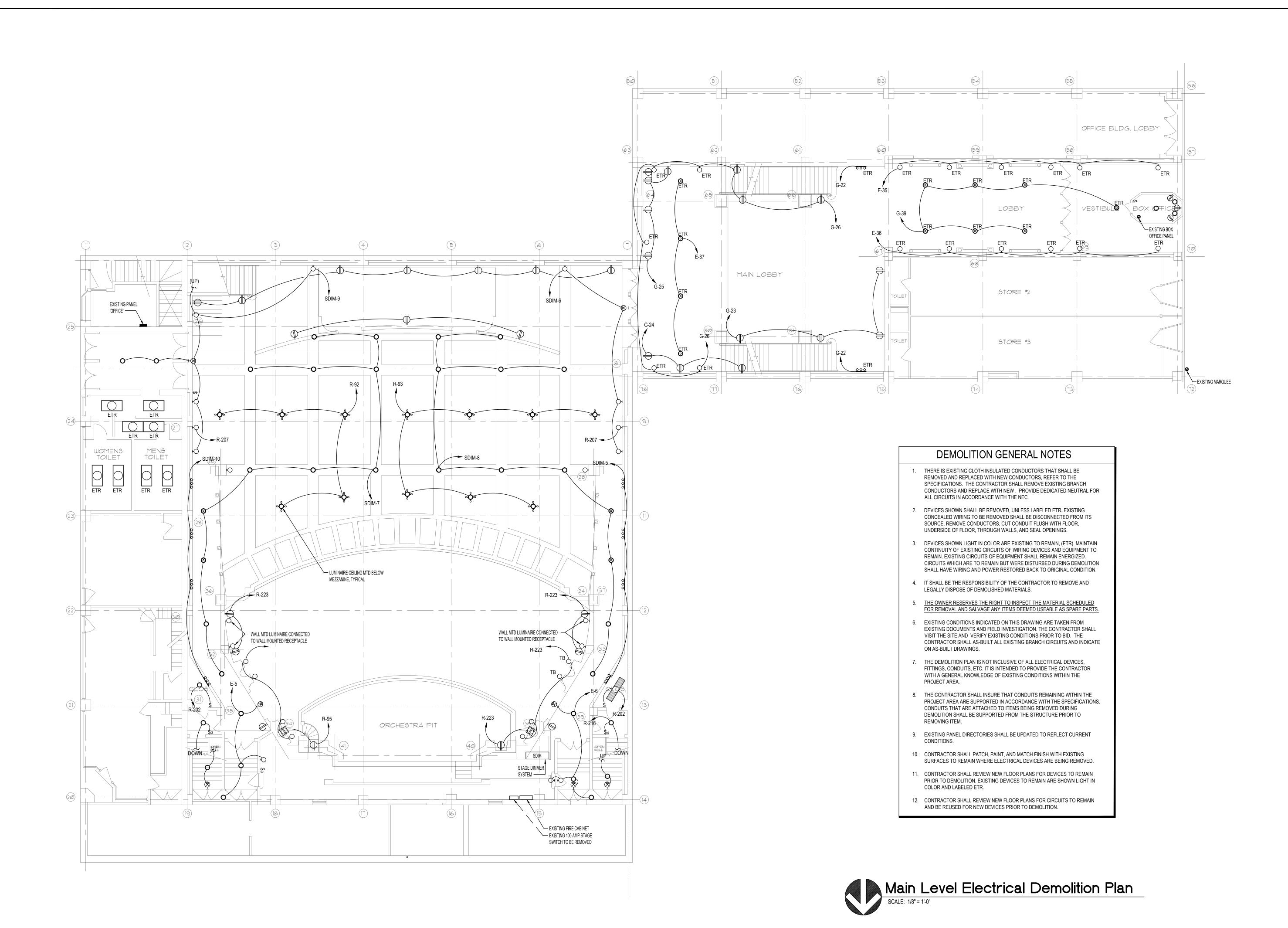
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Tampa Theatre – Theatrical Lighting

Upgrade and Renovation

Tampa, Florida

Tampa, Florida

Tampa, Florida 33602 TEL 888.891.9713

COA 27158

Tampa Plan

COA 27158

Tampa Plan

COA 27158

Tampa Florida 33602 TEL 888.891.9713

COA 27158

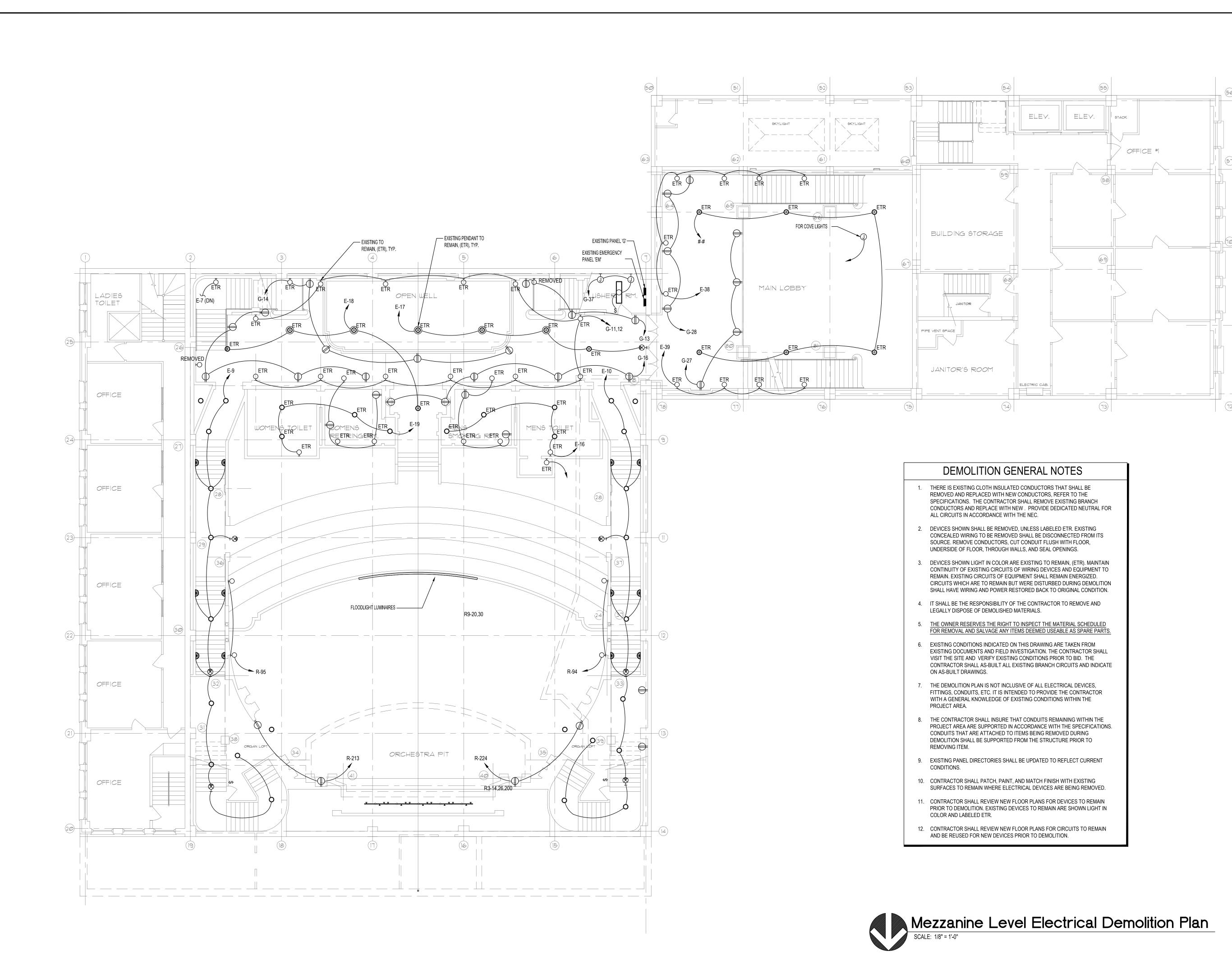
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Theatrical Lighting d Renovation and Theatre Upgrade Tampa DESIGN BY: CHECKED BY: SCALE:

ISSUED FOR: 90% Construction

Documents

Drawing No.

04/21/15

### **DEMOLITION GENERAL NOTES**

- 1. THERE IS EXISTING CLOTH INSULATED CONDUCTORS THAT SHALL BE REMOVED AND REPLACED WITH NEW CONDUCTORS, REFER TO THE SPECIFICATIONS. THE CONTRACTOR SHALL REMOVE EXISTING BRANCH CONDUCTORS AND REPLACE WITH NEW. PROVIDE DEDICATED NEUTRAL FOR ALL CIRCUITS IN ACCORDANCE WITH THE NEC.
- DEVICES SHOWN SHALL BE REMOVED, UNLESS LABELED ETR. EXISTING CONCEALED WIRING TO BE REMOVED SHALL BE DISCONNECTED FROM ITS SOURCE. REMOVE CONDUCTORS, CUT CONDUIT FLUSH WITH FLOOR, UNDERSIDE OF FLOOR, THROUGH WALLS, AND SEAL OPENINGS.
- 3. DEVICES SHOWN LIGHT IN COLOR ARE EXISTING TO REMAIN, (ETR). MAINTAIN CONTINUITY OF EXISTING CIRCUITS OF WIRING DEVICES AND EQUIPMENT TO REMAIN. EXISTING CIRCUITS OF EQUIPMENT SHALL REMAIN ENERGIZED. CIRCUITS WHICH ARE TO REMAIN BUT WERE DISTURBED DURING DEMOLITION SHALL HAVE WIRING AND POWER RESTORED BACK TO ORIGINAL CONDITION.
- 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND LEGALLY DISPOSE OF DEMOLISHED MATERIALS.
- 5. THE OWNER RESERVES THE RIGHT TO INSPECT THE MATERIAL SCHEDULED FOR REMOVAL AND SALVAGE ANY ITEMS DEEMED USEABLE AS SPARE PARTS.
- 6. EXISTING CONDITIONS INDICATED ON THIS DRAWING ARE TAKEN FROM EXISTING DOCUMENTS AND FIELD INVESTIGATION. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID. THE CONTRACTOR SHALL AS-BUILT ALL EXISTING BRANCH CIRCUITS AND INDICATE ON AS-BUILT DRAWINGS.
- 7. THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES, FITTINGS, CONDUITS, ETC. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF EXISTING CONDITIONS WITHIN THE PROJECT AREA.
- 8. THE CONTRACTOR SHALL INSURE THAT CONDUITS REMAINING WITHIN THE PROJECT AREA ARE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS. CONDUITS THAT ARE ATTACHED TO ITEMS BEING REMOVED DURING DEMOLITION SHALL BE SUPPORTED FROM THE STRUCTURE PRIOR TO REMOVING ITEM.
- 9. EXISTING PANEL DIRECTORIES SHALL BE UPDATED TO REFLECT CURRENT CONDITIONS.
- 10. CONTRACTOR SHALL PATCH, PAINT, AND MATCH FINISH WITH EXISTING SURFACES TO REMAIN WHERE ELECTRICAL DEVICES ARE BEING REMOVED.
- 11. CONTRACTOR SHALL REVIEW NEW FLOOR PLANS FOR DEVICES TO REMAIN PRIOR TO DEMOLITION. EXISTING DEVICES TO REMAIN ARE SHOWN LIGHT IN COLOR AND LABELED ETR.
- 12. CONTRACTOR SHALL REVIEW NEW FLOOR PLANS FOR CIRCUITS TO REMAIN AND BE REUSED FOR NEW DEVICES PRIOR TO DEMOLITION.

Tampa Theatre - Electrical Service and Generator Replacement

Tampa, Florida

Balcony Level Electrical

Demolition Plan

No. Description

DESIGN BY: CHECKED BY: SCALE:

ISSUED FOR: Construction Documents

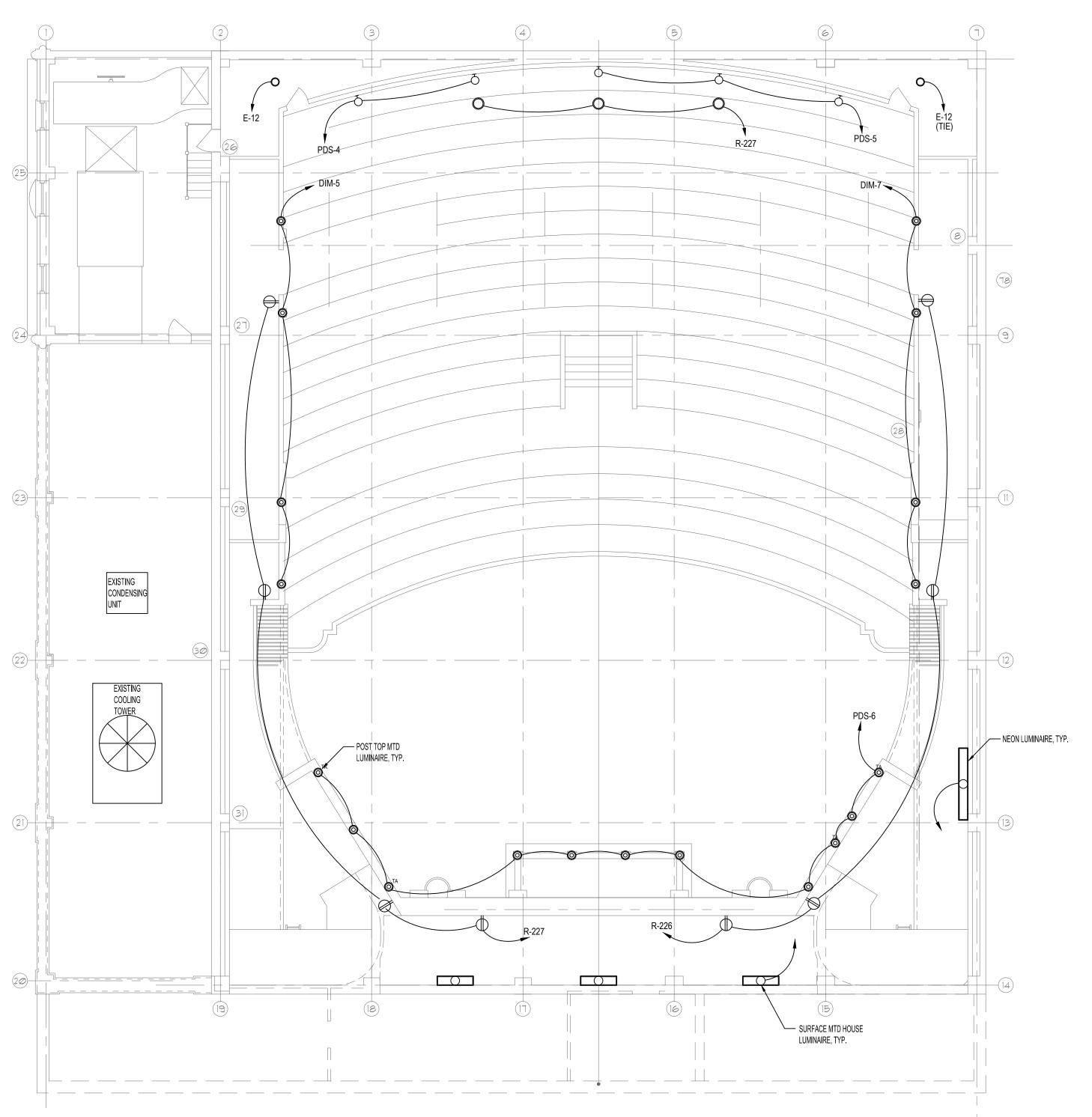
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Balcony Level Electrical Demolition Plan

SCALE: 1/8" = 1'-0"

### Balcony Level Electrical Demolition Plan SCALE: 1/8" = 1'-0"



### DEMOLITION GENERAL NOTES

- 1. THERE IS EXISTING CLOTH INSULATED CONDUCTORS THAT SHALL BE REMOVED AND REPLACED WITH NEW CONDUCTORS, REFER TO THE SPECIFICATIONS. THE CONTRACTOR SHALL REMOVE EXISTING BRANCH CONDUCTORS AND REPLACE WITH NEW. PROVIDE DEDICATED NEUTRAL FOR ALL CIRCUITS IN ACCORDANCE WITH THE NEC.
- 2. DEVICES SHOWN SHALL BE REMOVED, UNLESS LABELED ETR. EXISTING CONCEALED WIRING TO BE REMOVED SHALL BE DISCONNECTED FROM ITS SOURCE. REMOVE CONDUCTORS, CUT CONDUIT FLUSH WITH FLOOR, UNDERSIDE OF FLOOR, THROUGH WALLS, AND SEAL OPENINGS.
- DEVICES SHOWN LIGHT IN COLOR ARE EXISTING TO REMAIN, (ETR). MAINTAIN CONTINUITY OF EXISTING CIRCUITS OF WIRING DEVICES AND EQUIPMENT TO REMAIN. EXISTING CIRCUITS OF EQUIPMENT SHALL REMAIN ENERGIZED. CIRCUITS WHICH ARE TO REMAIN BUT WERE DISTURBED DURING DEMOLITION SHALL HAVE WIRING AND POWER RESTORED BACK TO ORIGINAL CONDITION.
- 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND LEGALLY DISPOSE OF DEMOLISHED MATERIALS.
- 5. THE OWNER RESERVES THE RIGHT TO INSPECT THE MATERIAL SCHEDULED
- 6. EXISTING CONDITIONS INDICATED ON THIS DRAWING ARE TAKEN FROM EXISTING DOCUMENTS AND FIELD INVESTIGATION. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID. THE CONTRACTOR SHALL AS-BUILT ALL EXISTING BRANCH CIRCUITS AND INDICATE ON AS-BUILT DRAWINGS.
- 7. THE DEMOLITION PLAN IS NOT INCLUSIVE OF ALL ELECTRICAL DEVICES, FITTINGS, CONDUITS, ETC. IT IS INTENDED TO PROVIDE THE CONTRACTOR WITH A GENERAL KNOWLEDGE OF EXISTING CONDITIONS WITHIN THE PROJECT AREA.
- 8. THE CONTRACTOR SHALL INSURE THAT CONDUITS REMAINING WITHIN THE PROJECT AREA ARE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS. CONDUITS THAT ARE ATTACHED TO ITEMS BEING REMOVED DURING DEMOLITION SHALL BE SUPPORTED FROM THE STRUCTURE PRIOR TO REMOVING ITEM.
- 9. EXISTING PANEL DIRECTORIES SHALL BE UPDATED TO REFLECT CURRENT CONDITIONS.
- 10. CONTRACTOR SHALL PATCH, PAINT, AND MATCH FINISH WITH EXISTING SURFACES TO REMAIN WHERE ELECTRICAL DEVICES ARE BEING REMOVED.
- 11. CONTRACTOR SHALL REVIEW NEW FLOOR PLANS FOR DEVICES TO REMAIN PRIOR TO DEMOLITION. EXISTING DEVICES TO REMAIN ARE SHOWN LIGHT IN COLOR AND LABELED ETR.
- 12. CONTRACTOR SHALL REVIEW NEW FLOOR PLANS FOR CIRCUITS TO REMAIN AND BE REUSED FOR NEW DEVICES PRIOR TO DEMOLITION.

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Tampa Theatre - Electrical Service and Generator Replacement

Tampa, Florida

Tampa, Florida

Demolition Plan

No. Description

DESIGN BY: CHECKED BY: SCALE:

Construction Documents

Drawing No.

ISSUED FOR:

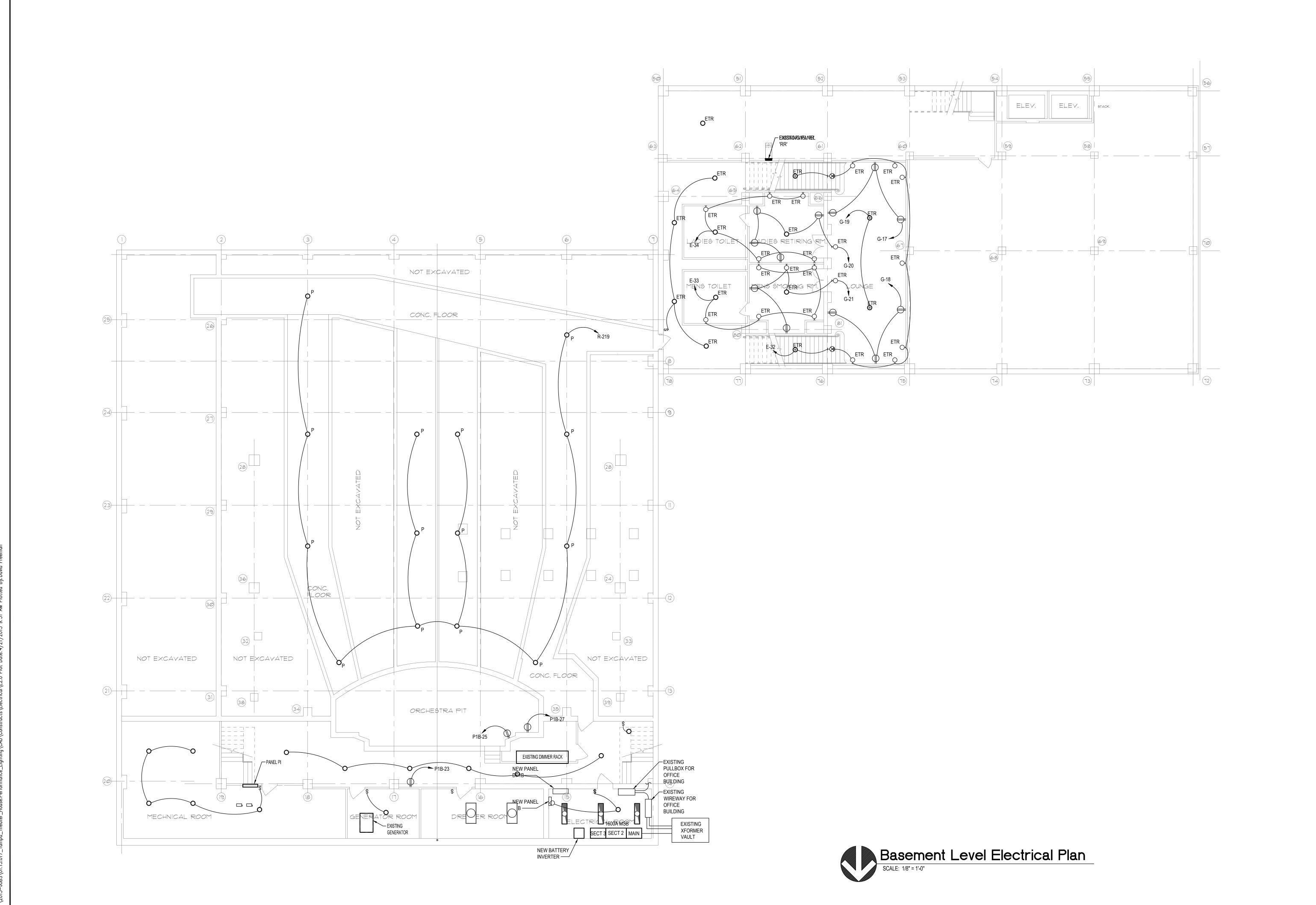
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01/26/15

.: \2015—JOBS\01.15.017_Tampa_Theater_House.Performance_Lighting\CAD\Constructs\Electrical\E`

UPPER BALCONY LEVEL ELECTRICAL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



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Tampa, Florida 33602 TEL 888.891.9713
COA 27158
Project No. 01.15.017

Tampa Theatre - Theatrical Lighting
Upgrade and Renovation
Tampa, Florida
Drawing Title
Basement Level
Electrical Plan

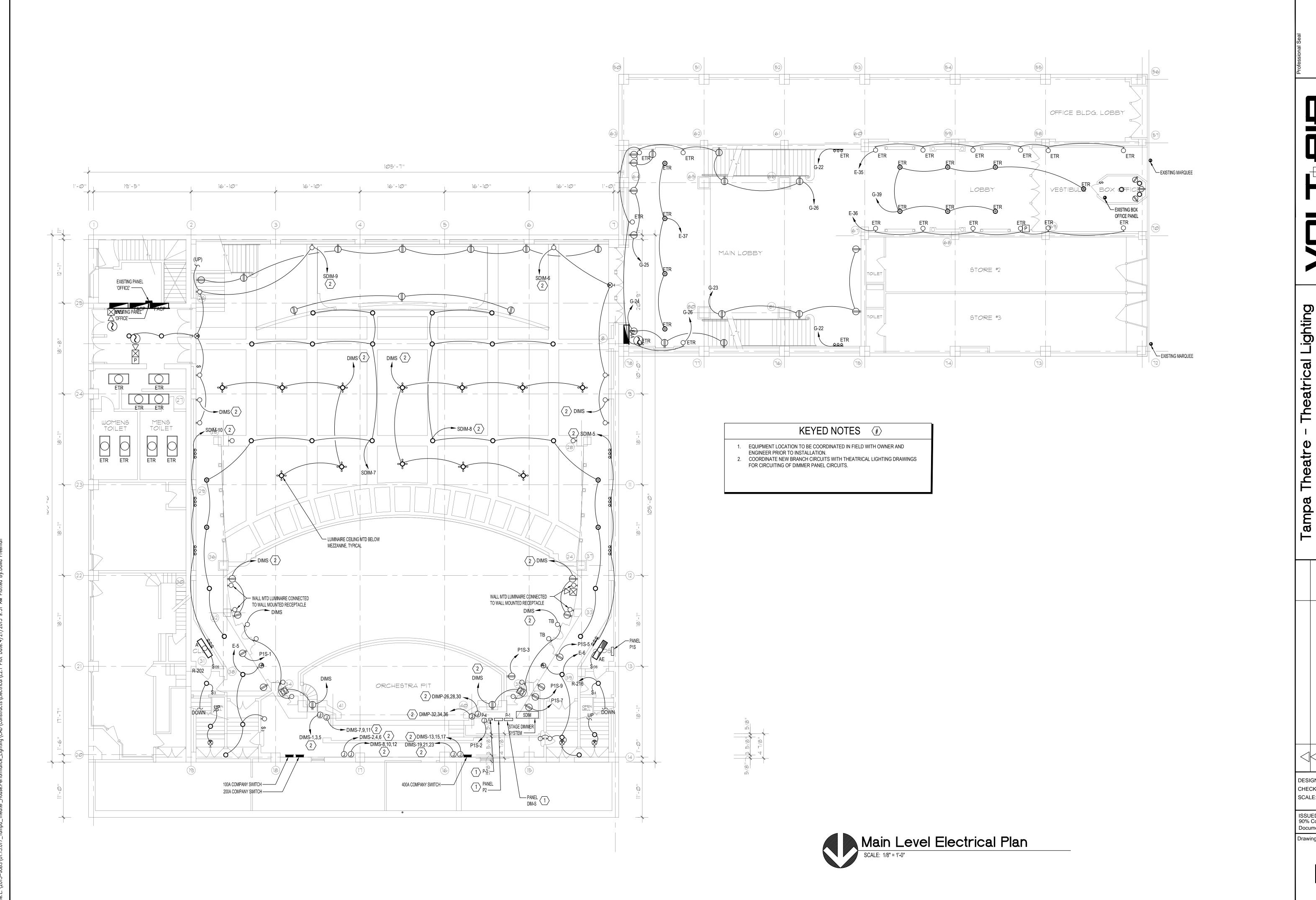
DESIGN BY:

No. Description

Date

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ISSUED FOR: DA 90% Construction Documents 04/2

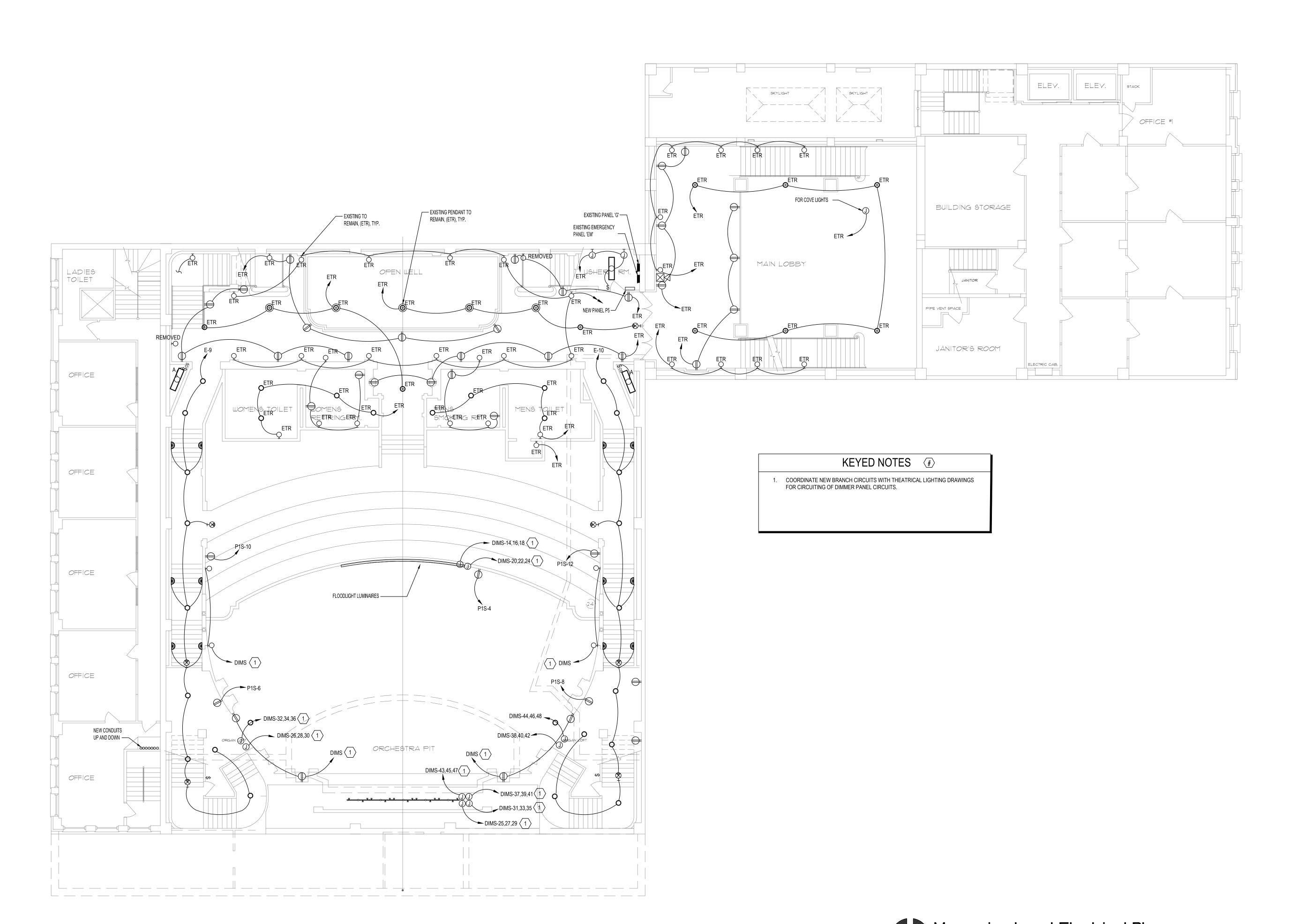


e - Theatrical Lighting s and Renovation Tampa, Florida Theatre Upgrade a Tampa

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COA 27158

Tampa Theatre - Theatrical Lighting
Upgrade and Renovation

Tampa, Florida

Mezzanine Level

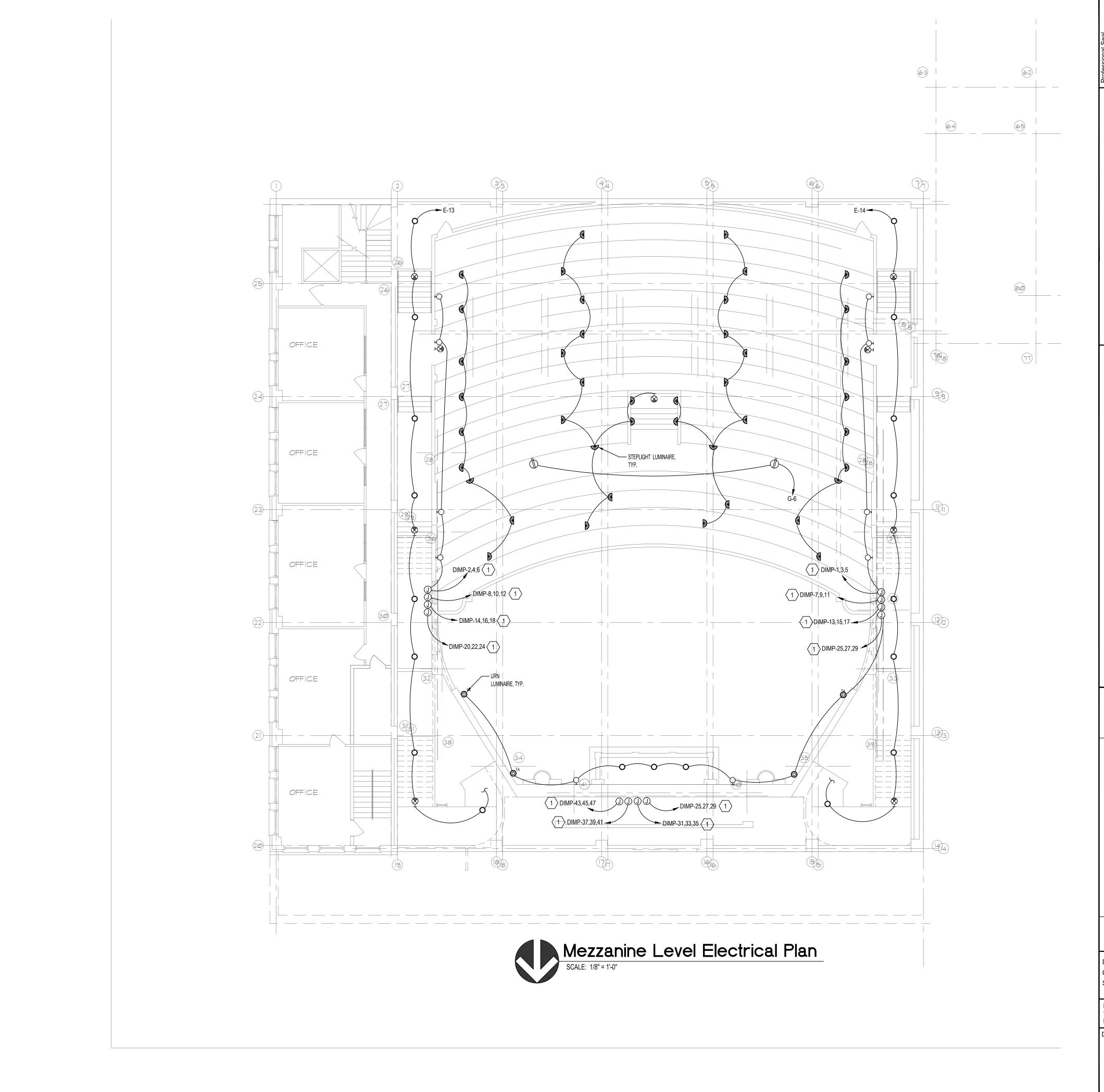
DESCRIPTION

Description

Date

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Lighting

CONSULTING ENGI

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Tampa Theatre - Theatrical Lighting
Upgrade and Renovation
Tampa, Florida

Date

Date

Date

Date

Date

Tampa Theatrical Lighting

Tampa, Florida

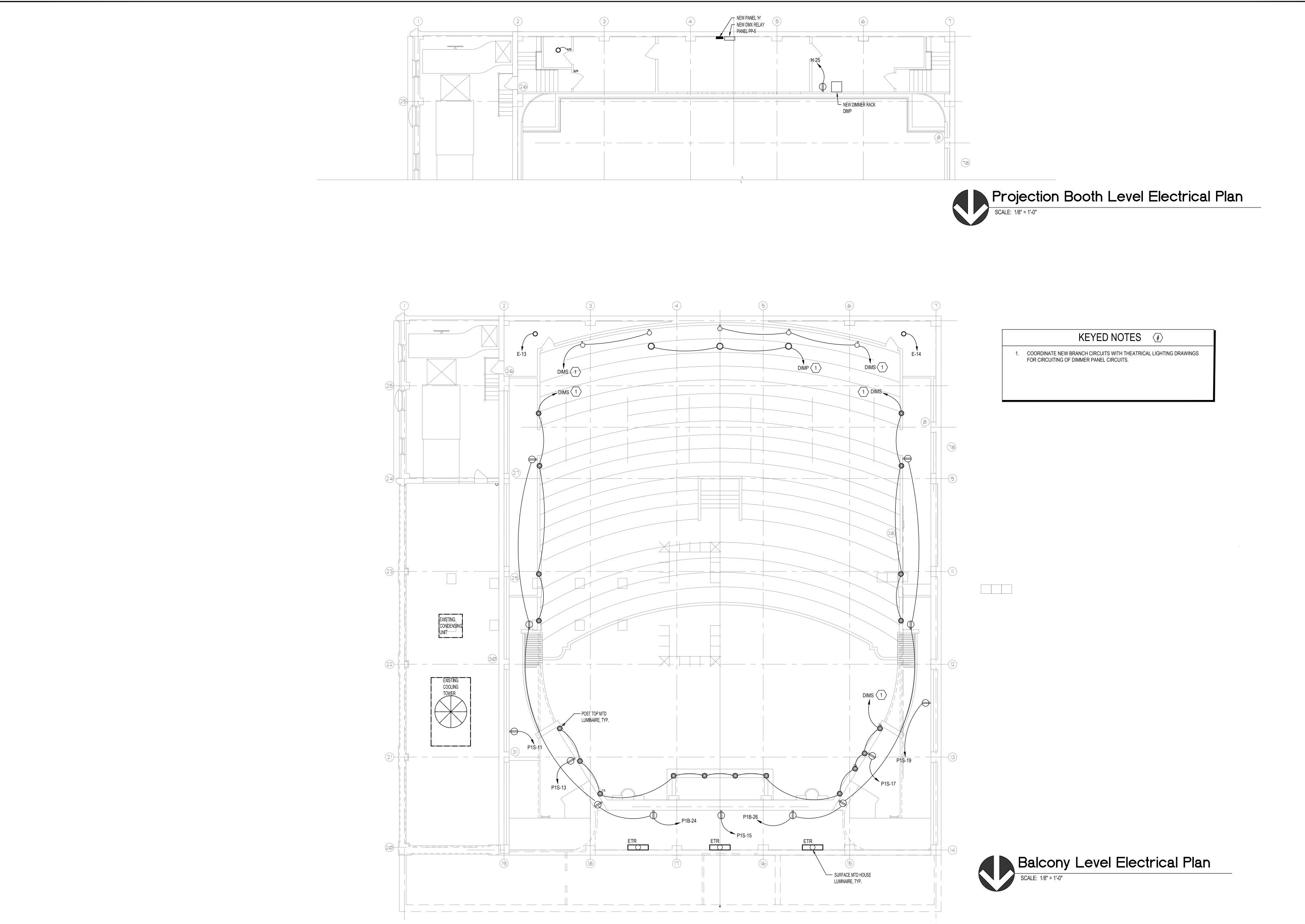
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CONSULTING ENGINEERS
220 WEST 7th Avenue, Suite 210
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COA 27158
Project No. 01.15.017

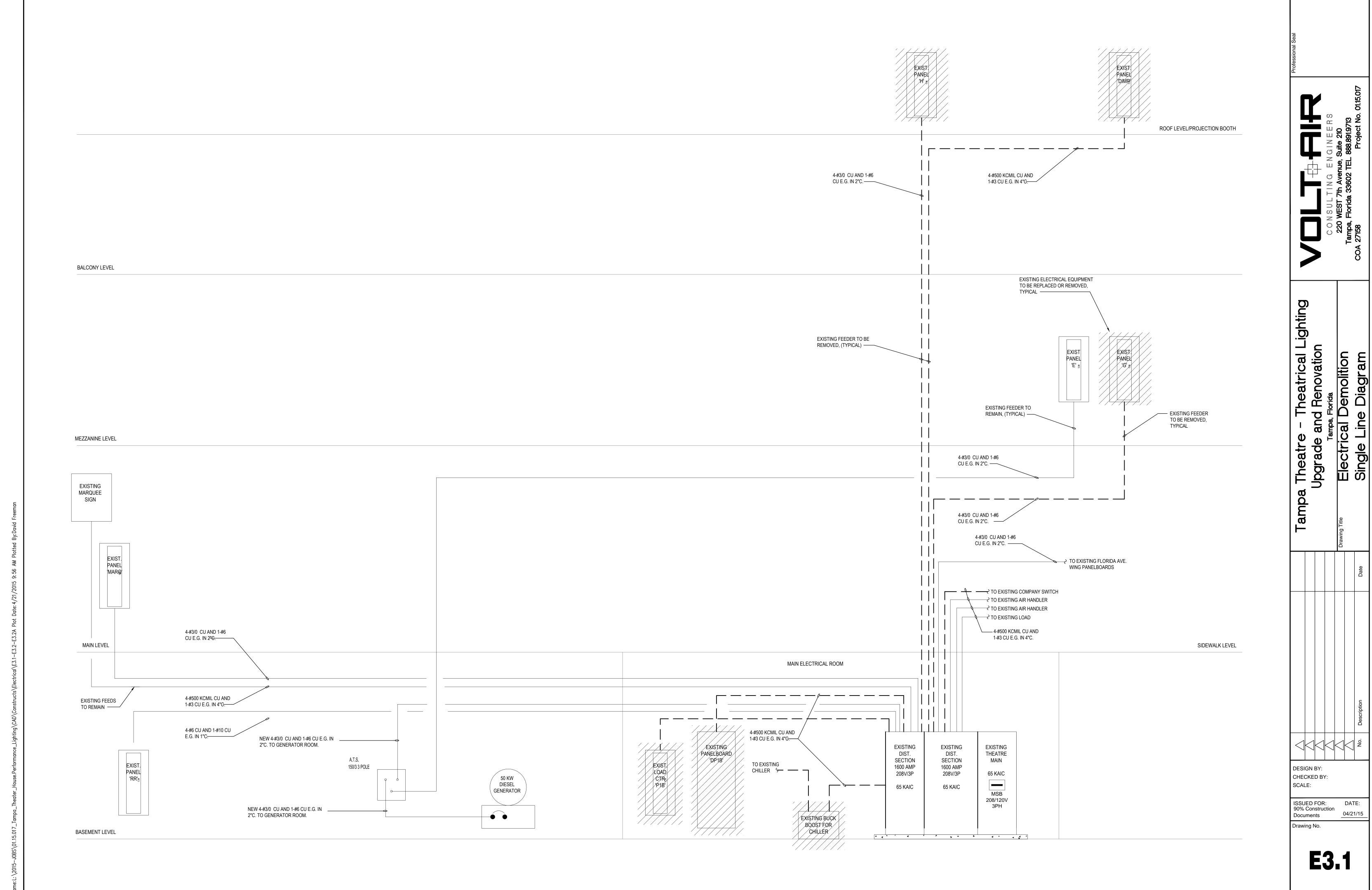
Tampa Theatre - Theatrical Lighting
Upgrade and Renovation
Tampa, Florida
Malcony Level

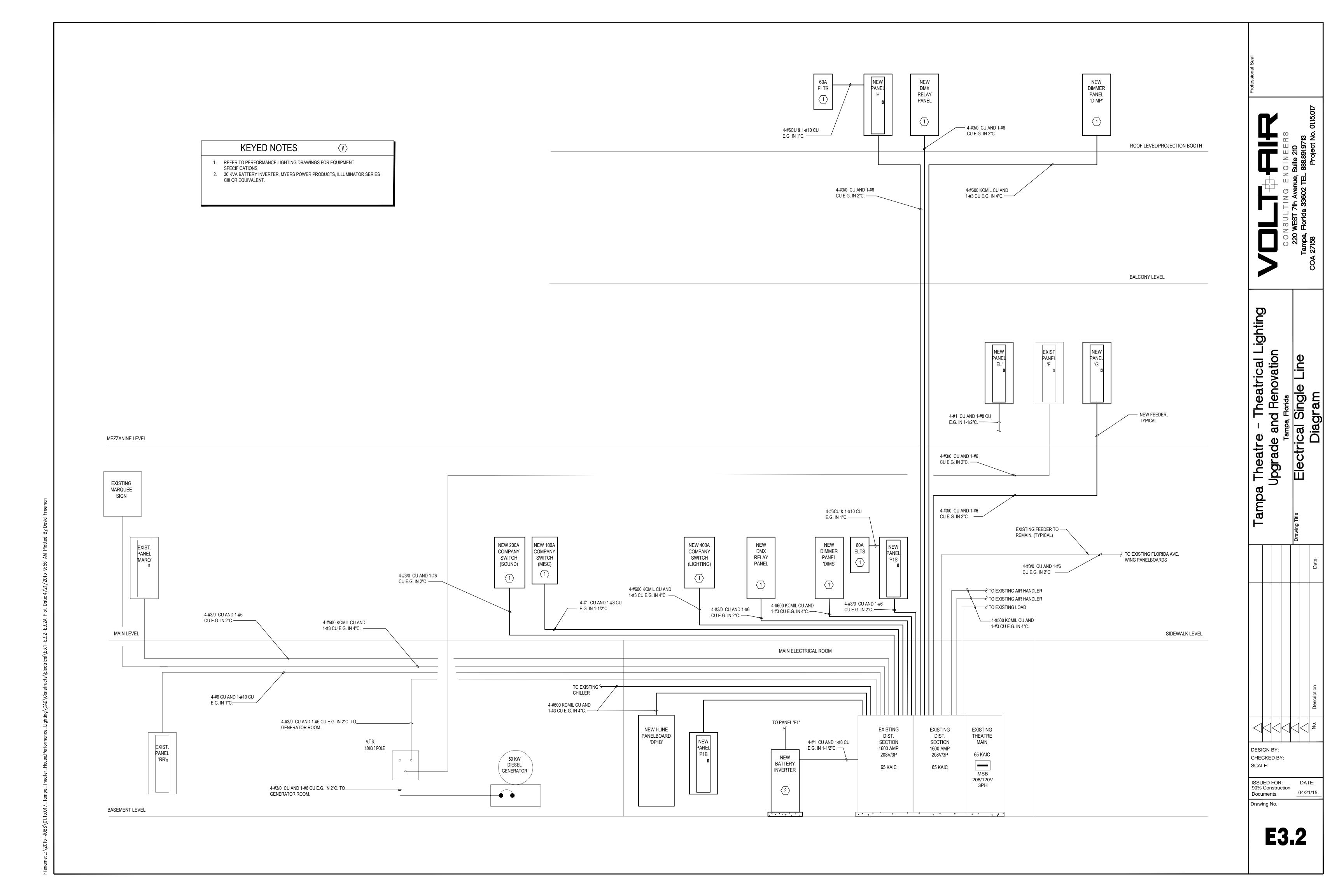
No. Description

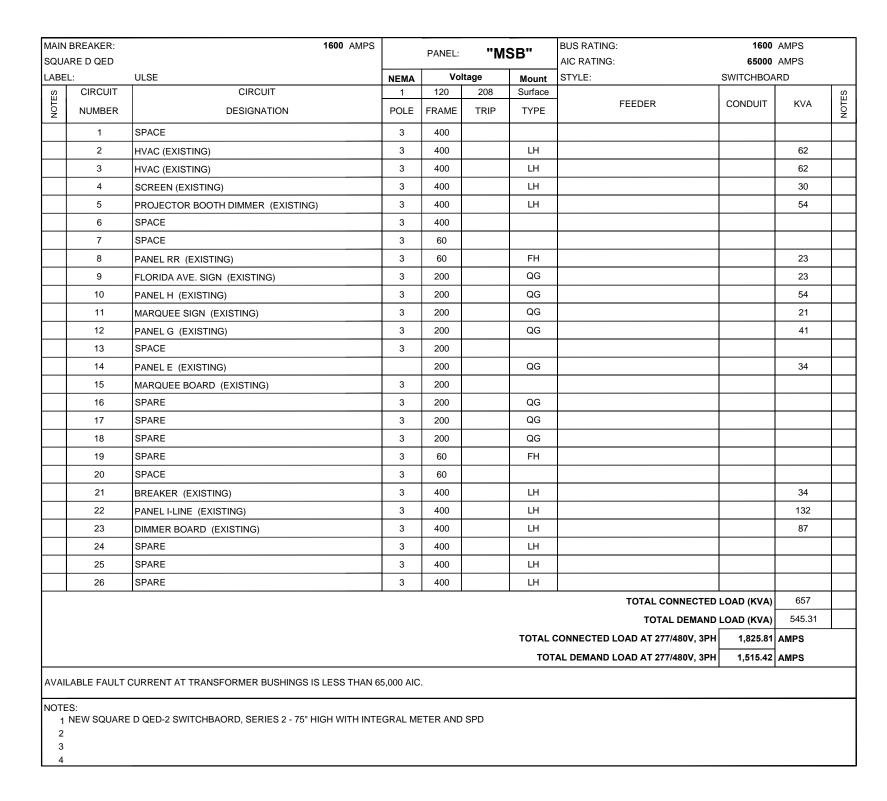
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Orawing No.







	BREAKER: LUGS:	0 AMPS 600 AMPS ULSE	NEMA	PANEL:	"DF	P1B"	BUS RATING: AIC RATING: STYLE: SQUARE D HCP	600 22000 I-LINE 99" M		
	CIRCUIT	CIRCUIT	NEMA 1	277	480	Mount Surface	STILE. SQUARE DITO	I-LINE 99 IVI	I G SFACE	Τ.,,
NOTES	NUMBER	DESIGNATION	POLE	FRAME	TRIP	TYPE	FEEDER	CONDUIT	KVA	NOTES
	1	THEATRE BOOTH PWR/SOUND/A/C	3	225	200		EXISTING			
	2	SUMP PUMP	3	225	200		EXISTING			
	3	EXISTING LOAD	3	225	200		EXISTING			
	4	ENGINE ROOM	3	400	400		EXISTING			
	5	SPARE	3	400	400					
	6	SPARE	3	400	400					
	7	SPARE	3	400	400					
	8	SPARE	3	225	200					
	9	SPARE	3	225	200					
	10	SPARE	3	225	200					
	11	SPARE	3	60	60					
	12	SPARE	3	60	60					
	13	SPACE	3	60						
	14	SPACE	3	60						
	15	SPACE	3	100						
	16	SPACE	3	100						
	17	SPACE	3	100						
	18	SPACE	3	100						
							TOTAL CONNECTED	LOAD (KVA)	0	
							TOTAL DEMAND	LOAD (KVA)		
						TOTAL (	CONNECTED LOAD AT 277/480V, 3PH	0.00	AMPS	
						тот	AL DEMAND LOAD AT 277/480V, 3PH	0.00	AMPS	
							·			
OTE	S:									
1 2										
3										
4										

		DIMMER PANEL					PANEL		DIMP					BUS RAT	ING	200	AMPS		
		MAIN LUGS	200	AMPS									1	AIC RAT		22000			
ဂ္ဂ							Phase	Circuit	Mount	NEMA	Volt	tage							_
NOTES			_				3	48	DIM	1	120	208							
ž	Ckt. #	Circuit Description	Wire Size	Trip Amps	Brkr. Pole		A Phase Load kV		B Phase Load kVA		C Phase Load kVA		Load Type	Brkr. Pole	Trip Amps	Wire Size	Circuit Description	Ckt.	
	1	LUMINAIRES 38-VA12	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 37-VA12	2	_
	3	LUMINAIRES 38-VA12	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 37-VA12	4	_
	5	LUMINAIRES 38-VA12	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 37-VA12	6	Τ
	7	LUMINAIRES 38-VA12	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 37-VA12	8	
	9	LUMINAIRES 38-VA12	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 37-VA12	10	
	11	LUMINAIRES 38-VA12	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 37-VA12	12	
	13	LUMINAIRES 38-VA12	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 37-VA12	14	
	15	LUMINAIRES 38-VA12	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 37-VA12	16	
	17	LUMINAIRES 38-VA12	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 37-VA12	18	
	19	LUMINAIRES 38-VA12	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 37-VA12	20	
	21	LUMINAIRES 38-VA12	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 37-VA12	22	
	23	LUMINAIRES 38-VA12	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 37-VA12	24	
	25	LUMINAIRES 31-VA12	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 2-VA12	26	
	27	LUMINAIRES 31-VA12	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 2-VA12	28	
	29	LUMINAIRES 31-VA12	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 2-VA12	30	
	31	LUMINAIRES 31-VA12	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 2-VA12	32	
	33	LUMINAIRES 31-VA12	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 2-VA12	34	
	35	LUMINAIRES 31-VA12	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 2-VA12	36	
	37	LUMINAIRES 31-VA12	12	20	1	L	0.80	0.80					L	1	20	12	SPARE	38	
	39	LUMINAIRES 31-VA12	12	20	1	L			0.80	0.80			L	1	20	12	SPARE	40	
	41	LUMINAIRES 31-VA12	12	20	1	L					0.80	0.80	L	1	20	12	SPARE	42	
	43	LUMINAIRES 31-VA12	12	20	1	L	0.80	0.80						1	20	12	SPARE	44	
	45	LUMINAIRES 31-VA12	12	20	1	L			0.80	0.80			L	1	20	12	SPARE	46	
	47	LUMINAIRES 31-VA12	12	20	1	L					0.80	0.80	L	1	20	12	SPARE	48	_
					ase kVA		12.800		12.800	otal Amna	12.800		4						
			T/	tal Dema	otal kVA			.000		otal Amps	106.71 133.39								_
				otal Dellia		TING "L":			KVA @ 1	•	48.000	KVA							_
						EPT "R":			,		50% OF I	REMAIND	ER=	0.000	KVA				
						A/C "A":			KVA @ 1		0.000	KVA			-				
					KITCI	HEN "K":			KVA @ .6		0.000	_							
						TOR "M":					6 OF LAR		0.000	KVA					
						ING "H":			KVA @ 1		0.000	-							
					N	IISC "S":		0.000	KVA @ 1	.00 DF=	0.000	KVA							

		DIMMER PANEL					PANEL		DIMS					BUS RA	TING	200	AMPS		
		MAIN LUGS	200	AMPS									1	AIC RAT		22000			
တ္သ							Phase	Circuit	Mount	NEMA	Volt	age	]						က္သ
NOTES							3	48	DIM	1	120	208							NOTES
ž	Ckt.	Circuit	Wire	Trip	Brkr.	Load	A Phase		B Phase		C Phase		Load	Brkr.	Trip	Wire	Circuit	Ckt.	ž
	#	Description	Size	Amps	Pole		Load kV		Load kVA		Load kVA		Туре	Pole	Amps	Size	Description	#	
	1	LUMINAIRES 1-VA6	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 3-VA6	2	
	3	LUMINAIRES 1-VA6	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 3-VA6	4	
	5	LUMINAIRES 1-VA6	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 3-VA6	6	_
	7	LUMINAIRES 1-VA6	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 3-VA6	8	
	9	LUMINAIRES 1-VA6	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 3-VA6	10	
	11	LUMINAIRES 1-VA6	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 3-VA6	12	
	13	LUMINAIRES 4-VA6	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 29-VA6	14	_
	15	LUMINAIRES 4-VA6	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 29-VA6	16	
	17	LUMINAIRES 4-VA6	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 29-VA6	18	
	19	LUMINAIRES 4-VA6	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 29-VA6	20	
	21	LUMINAIRES 4-VA6	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 29-VA6	22	
	23	LUMINAIRES 4-VA6	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 29-VA6	24	
	25	LUMINAIRES 28-VA6	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 11-VA6	26	
	27	LUMINAIRES 28-VA6	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 11-VA6	28	
	29	LUMINAIRES 28-VA6	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 11-VA6	30	
	31	LUMINAIRES 28-VA6	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 11-VA6	32	
	33	LUMINAIRES 28-VA6	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 11-VA6	34	
	35	LUMINAIRES 28-VA6	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 11-VA6	36	
	37	LUMINAIRES 28-VA6	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 12-VA6	38	
	39	LUMINAIRES 28-VA6	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 12-VA6	40	
	41	LUMINAIRES 28-VA6	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 12-VA6	42	
	43	LUMINAIRES 28-VA6	12	20	1	L	0.80	0.80					L	1	20	12	LUMINAIRES 12-VA6	44	
	45	LUMINAIRES 28-VA6	12	20	1	L			0.80	0.80			L	1	20	12	LUMINAIRES 12-VA6	46	
	47	LUMINAIRES 28-VA6	12	20	1	L					0.80	0.80	L	1	20	12	LUMINAIRES 12-VA6	48	
				Pha	ase kVA		12.800		12.800		12.800		_						
				To	tal kVA		38.	.400	То	tal Amps	106.71								
			To	tal Dema	and kVA		48	.000	Dem Lo	ad Amps	133.39								
NC 1 2 3	TES:				KITCI MOT HEAT	TING "L": EPT "R": A/C "A": HEN "K": TOR "M": TING "H":		0.000 0.000 0.000 0.000 0.000	KVA @ 1. KVA, 1ST KVA @ 1. KVA @ 6 KVA, TOT KVA @ 1.	10KVA + 00 DF= 5 DF= 7AL + 25% 00 DF=	0.000	REMAIND KVA KVA SEST= KVA	0.000		_KVA				

		MAIN BREAKER		AMPS			PANEL		P1B					BUS RA			AMPS		
"		MAIN LUGS NEW SQUARE D NQOD PANEL	200	AMPS			Phase	Circuit	Mount	NEMA	Volt	age		AIC RAT	ING	22000	AMPS		(0
NOTES							3	42	Surface	1	120	208							NOTES
9	Ckt.	Circuit	Wire	Trip	Brkr.	Load	A Phase		B Phase		C Phase		Load	Brkr.	Trip	Wire	Circuit	Ckt.	7 9
	#	Description	Size	Amps	Pole		Load kVA		Load kVA	\	Load kVA		Type	Pole	Amps	Size	Description	#	<u> </u>
1	1	EXISTING CIRCUIT	EX	20	1	S	0.90	3.70					S	3	100	EX	EXISTING LOAD	2	1
	3	SPARE		20	1					3.70			S					4	1
	5	SPARE	=>/	20	1		2.50					3.70	S				5,407,100,017,017	6	1
1	7	EXISTING CIRCUIT	EX	20	1	S	0.72	0.72	0.70	4.00			S	1	20	EX	EXISTING CIRCUIT	8	1
1	9	EXISTING CIRCUIT	EX	20	1	S			0.72	1.08	0.70	4.40	R	1	20	EX	REC BY ORGAN BLOWER	10	1
1	11	EXISTING CIRCUIT	EX	20	1	S	0.70	4.40			0.72	1.13	M	1	20	EX	PUMP REC MECH RM	12	1
1_	13	EXISTING CIRCUIT	EX	20	1	S	0.72	1.13	0.70	0.70			M	1	20	EX	PUMP REC GEN RM	14	1
1	15	EXISTING CIRCUIT	EX	20	1	S			0.72	0.72	0.00	4.40	S	1	20	EX	RECEPT/PHONE	16	1
1	17 19	EXISTING CIRCUIT  SPARE	EX	20	1	S					0.90	1.13	M	1	20	EX	PUMP REC ORCH. PIT SPARE	18 20	1
	21	SPARE		20	1								-	1	20		SPARE	20	+
	23	SPARE		20	1									1	20		SPARE	24	+-
	25	SPARE		20	1									1	20		SPARE	26	+-
	27	SPARE		20	1									1	20		SPARE	28	+-
	29	SPARE		20	1									1	20		SPARE	30	+-
	31	SPARE		20	1									1	20		SPARE	32	+
	33	SPARE		20	1									1	20		SPARE	34	+
	35	SPARE		20	1									1	20		SPARE	36	+
	37																	38	1
	39																	40	1
	41																	42	
				Pha	ase kVA		7.887		6.940		7.574								
				To	otal kVA		22	.401	Te	otal Amps	62.25								
			To	tal Dema	and kVA		23	246	Dem Lo	oad Amps	64.60								
NO 1 2 3	DTES: RECON	INECT EXISTING BRANCH CIRCU	IIT TO N	EW PAN	REC KITCI MOT HEAT	TING "L". EPT "R": A/C "A": HEN "K": TOR "M": IING "H": IISC "S":		1.080 0.000 0.000 3.381 0.000 17.940	KVA @ 1 KVA @ .6 KVA, TO KVA @ 1 KVA @ 1	T 10KVA + .00 DF= .05 DF= TAL + 259 .00 DF= .00 DF=	0.000 - 50% OF I 0.000 0.000 6 OF LARC 0.000 17.940 AS REQUIF	REMAIND KVA KVA GEST= KVA KVA	4.226	1.080	_KVA				

ו		MAIN LUGS NEW SQUARE D NQOD PANEL	200	AMPS			Phase	Circuit	Mount	NEMA	Vol	tage	-	AIC RAT	IIVO	22000	AIVII O		v.
) ES							3	42	Surface	1	120	208	1						NOTES
<u> </u>	Ckt.	Circuit Description	Wire Size	Trip Amps	Brkr. Pole		A Phase oad kV		B Phase Load kVA		C Phase Load kVA		Load Type	Brkr. Pole	Trip Amps	Wire Size	Circuit Description	Ckt.	
	1	EXISTING CIRCUIT	EX	20	1	S	0.90	3.70					S	3	100	EX	EXISTING LOAD	2	
_ h	3				<u> </u>					3.70			S					4	
	5											3.70	S					6	
	7	EXISTING CIRCUIT	EX	20	1	S	0.72	0.72				0.1.0	S	1	20	EX	EXISTING CIRCUIT	8	
	9	EXISTING CIRCUIT	EX	20	1	S	-		0.72	1.08			R	1	20	EX	REC BY ORGAN BLOWER	10	
-	11	EXISTING CIRCUIT	EX	20	1	S					0.72	1.13	М	1	20	EX	PUMP REC MECH RM	12	
	13	EXISTING CIRCUIT	EX	20	1	S	0.72	1.13			0.1.2		M	1	20	EX	PUMP REC GEN RM	14	
	15	EXISTING CIRCUIT	EX	20	1	S	-		0.72	0.72			S	1	20	EX	RECEPT/PHONE	16	
	17	EXISTING CIRCUIT	EX	20	1	S			-	• • • • • • • • • • • • • • • • • • • •	0.90	1.13	М	1	20	EX	PUMP REC ORCH. PIT	18	
-	19	SPARE		20	1						5.00	0		1	20	-/\	SPARE	20	$\vdash$
	21	SPARE		20	1									1	20		SPARE	22	1
	23	SPARE		20	1									1	20		SPARE	24	$\vdash$
	25	SPARE		20	1									1	20		SPARE	26	
	27	SPARE		20	1									1	20		SPARE	28	
+	29	SPARE		20	1									1	20		SPARE	30	$\vdash$
	31	SPARE		20	1									1	20		SPARE	32	
	33	SPARE		20	1									1	20		SPARE	34	
	35	SPARE		20	1									1	20		SPARE	36	$\vdash$
	37	ELTS	6	60	3	L	2.10											38	
	39	-	6		_	L			2.10									40	
	41	-	6			1					2.10							42	
				Pha	ase kVA		9.987		9.040		9.674								
					tal kVA		28	.701	To	otal Amps									
			To	tal Dema			-	.121	Dem Lo	ad Amps									
					REC KITCI MOT HEAT	"ING "L": EPT "R": A/C "A": HEN "K": TOR "M": ING "H":		1.080 0.000 0.000 3.381 0.000	KVA @ 1 KVA, 1ST KVA @ 1 KVA @ .6 KVA, TO KVA @ 1 KVA @ 1	- 10KVA + .00 DF= 65 DF= ΓAL + 25% .00 DF=	0.000	REMAIND KVA KVA GEST= KVA	ER= 4.226	1.080 KVA	KVA				

	MAIN BREAKER	0	AMPS			PANEL		G					BUS RA	ΓING	225	AMPS		
	MAIN LUGS	200	AMPS									]	AIC RAT	ING	22000	AMPS		
$\mathbf{S}$	NEW SQUARE D NQOD PANEL					Phase	Circuit	Mount		Volt		1						ES
Ckt.	2		Taia	r <u></u>		3	42	Surface	1	120	208			Tala				NOTES
Ž   Ckt. #	Circuit Description	Wire Size	Trip Amps	Brkr. Pole	I _	A Phase Load kV		B Phase Load kVA		C Phase Load kVA		Load Type	Brkr. Pole	Trip Amps	Wire Size	Circuit Description	Ckt.	Z
1	EXISTING CIRCUIT	EX	20	1	S	0.90	3.70					S	3	100	EX	EXISTING LOAD	2	
3									3.70			S					4	
5											3.70	S					6	
7	EXISTING CIRCUIT	EX	20	1	S	0.72	0.72					S	1	20	EX	EXISTING CIRCUIT	8	
9	EXISTING CIRCUIT	EX	20	1	S			0.72	1.08			R	1	20	EX	REC BY ORGAN BLOWER	10	
11	EXISTING CIRCUIT	EX	20	1	S					0.72	1.13	М	1	20	EX	PUMP REC MECH RM	12	
13	EXISTING CIRCUIT	EX	20	1	S	0.72	1.13					М	1	20	EX	PUMP REC GEN RM	14	
15	EXISTING CIRCUIT	EX	20	1	S			0.72	0.72			S	1	20	EX	RECEPT/PHONE	16	
17	EXISTING CIRCUIT	EX	20	1	S					0.90	1.13	М	1	20	EX	PUMP REC ORCH. PIT	18	
19	SPARE		20	1									1	20		SPARE	20	
21	SPARE		20	1									1	20		SPARE	22	
23	SPARE		20	1									1	20		SPARE	24	
25	SPARE		20	1									1	20		SPARE	26	
27	SPARE		20	1									1	20		SPARE	28	
29	SPARE		20	1									1	20		SPARE	30	
31	SPARE		20	1									1	20		SPARE	32	
33	SPARE		20	1									1	20		SPARE	34	
35	SPARE		20	1									1	20		SPARE	36	
37																	38	
39																	40	
41																	42	
			Pha	ase kVA		7.887		6.940		7.574								
			To	tal kVA		22	.401	To	tal Amps	62.25								
		To	tal Dema	nd kVA		23	.246	Dem Lo	ad Amps	64.60								
				KITCI MOT HEAT	FING "L": EPT "R": A/C "A": HEN "K": FOR "M": TING "H":		1.080 0.000 0.000 3.381 0.000	KVA @ 1 KVA @ .6	10KVA + .00 DF= .55 DF= .00 DF=	0.000 -50% OF F 0.000 0.000 6 OF LARC 0.000 17.940	REMAIND KVA KVA SEST= KVA	PER= 4.226	1.080 KVA	_KVA				

		MAIN BREAKER	0	AMPS			PANEL		Н					BUS RAT	ΓING	225 A	MPS		
		MAIN LUGS	200	AMPS										AIC RAT	ING	22000 A	MPS		
NOIES		NEW SQUARE D NQOD PANEL					Phase	Circuit	Mount	NEMA	Volt								NOTES
5	014	Q!!4	146	Trip		1	3	42	Surface	1	120	208	1		Trip	146	0114	014	վ 5
_	Ckt.	Circuit Description	Wire Size	Amps	Brkr. Pole		A Phase Load kV		B Phase Load kVA		C Phase Load kVA		Load Type	Brkr. Pole	Amps	Wire Size	Circuit Description	Ckt.	~
	1	EXISTING CIRCUIT	EX	20	1	S	0.90	3.70					S	1	20	EX	EXISTING LOAD	2	1
Π	3	EXISTING CIRCUIT	EX	20	1					3.70			S	1	20	EX	EXISTING CIRCUIT	4	1
l	5	EXISTING CIRCUIT	EX	20	1							3.70	S	1	20	EX	EXISTING CIRCUIT	6	1
	7	EXISTING CIRCUIT	EX	20	2	S	0.72	0.72					S	2	20	EX	EXISTING CIRCUIT	8	1
	9	-	EX			S			0.72	1.08			S			EX	-	10	1
	11	EXISTING CIRCUIT	EX	20	1	S					0.72	1.13	S	1	20	EX	EXISTING CIRCUIT	12	1
	13	EXISTING CIRCUIT	EX	20	1	S	0.72	1.13					S	1	20	EX	EXISTING CIRCUIT	14	1
1	15	EXISTING CIRCUIT	EX	20	1	S			0.72	0.72			S	1	20	EX	EXISTING CIRCUIT	16	1
1	17	EXISTING CIRCUIT	EX	20	2	S					0.90	1.13	S	2	20	EX	EXISTING CIRCUIT	18	1
1	19	-				S							S				<u>-</u>	20	1
	21	SPARE		20	1									1	20		SPARE	22	
	23	SPARE		20	1									1	20		SPARE	24	—
	25	SPARE		20	1									1	20		SPARE	26	_
	27	SPARE		20	1									1	20		SPARE	28	_
	29	SPARE		20	1									1	20		SPARE	30	┿
	31	SPARE		20	1									1	20		SPARE	32	+-
	33 35	SPARE SPARE		20 20	1									1	20		SPARE SPARE	34 36	+
	37	ELTS	6	60	3	L	2.20								20		SFARE	38	+
	39	-	6	00	3	L	2.20		2.20									40	+-
	41	-	6			L			2.20		2.20							42	+
			Ů	Pha	ase kVA		10.087		9.140		9.774			l					—
					otal kVA			.001		otal Amps			1						
			To	tal Dema				.651	Dem Lo	ad Amps									
IC	DTES: RECOM	NNECT EXISTING BRANCH CIRCU	JIT TO NI	EW PAN	RECI KITCH MOT HEAT M	ING "L": EPT "R": A/C "A": HEN "K": OR "M": ING "H": ISC "S":		0.000 0.000 0.000 0.000 0.000 22.401	KVA @ 1 KVA @ .6 KVA, TO KVA @ 1 KVA @ 1	- 10KVA + .00 DF= 65 DF= ΓAL + 25% .00 DF= .00 DF=	8.250 - 50% OF F 0.000 0.000 6 OF LARC 0.000 22.401 AS REQUIF	REMAIND KVA KVA GEST= KVA KVA	0.000	0.000 KVA	_KVA				

PAN	NEL SCHEDU	LES
MSB	DP1B	DIMP
DIMS	P1B	P1S
G	Н	

**E4.0** 

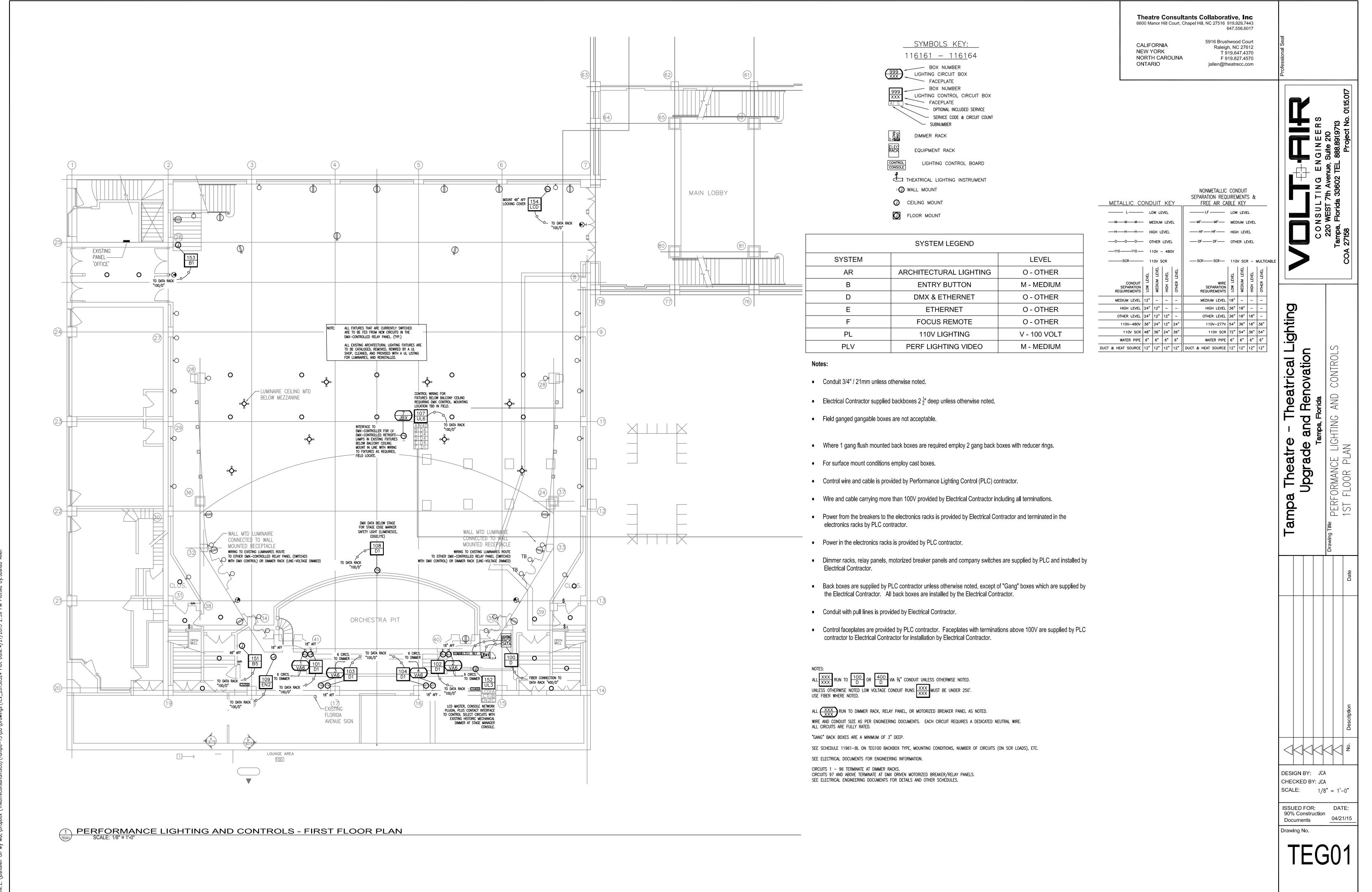
DESIGN BY: CHECKED BY: SCALE:

ISSUED FOR: 90% Construction Documents

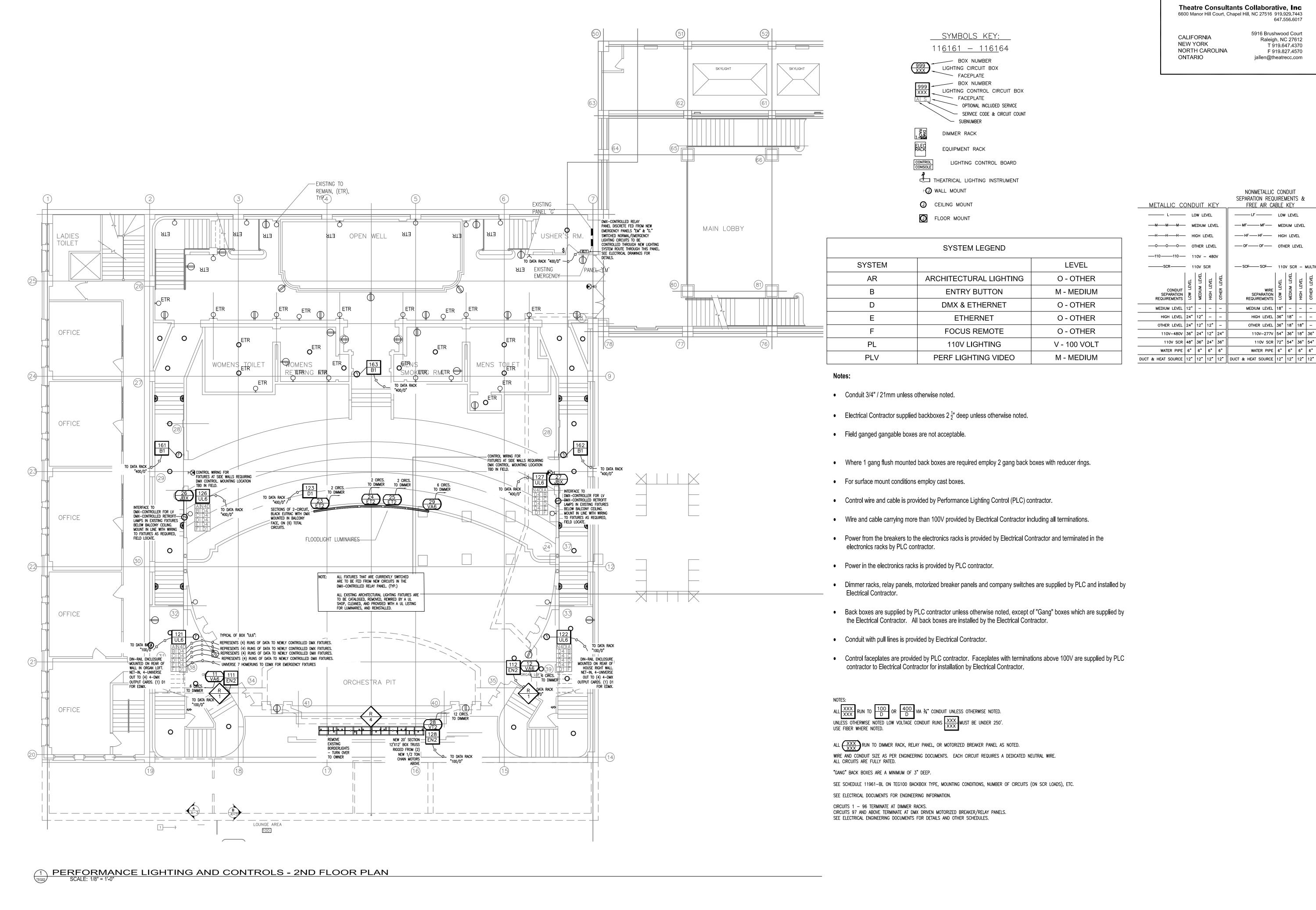
Theatre - Theatrical Lighting Upgrade and Renovation

Tampa

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Theatre Consultants Collaborative, Inc 6600 Manor Hill Court, Chapel Hill, NC 27516 919.929.7443

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ONTARIO

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NONMETALLIC CONDUIT SEPARATION REQUIREMENTS &

FREE AIR CABLE KEY

—— HF—— HIGH LEVEL

— OF—— OF— OTHER LEVEL

MEDIUM LEVEL 18"

— SCF—— SCF— 110V SCR - MULTICABLI

HIGH LEVEL 36" | 18" | - | -

110V SCR 72" 54" 36" 54"

WATER PIPE 6" 6" 6" 6"

ighting Theatrical L Renovation Theatre Upgrade amba

DESIGN BY: JCA CHECKED BY: JCA SCALE: 1/8" = 1'-0"

ISSUED FOR: 90% Construction Documents

Drawing No.

1 PERFORMANCE LIGHTING AND CONTROLS - 3RD FLOOR PLAN
SCALE: 1/8" = 1'-0"

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NONMETALLIC CONDUIT SEPARATION REQUIREMENTS &

METALLIC CONDUIT KEY FREE AIR CABLE KEY — OF—— OF—— OTHER LEVEL ___0___0___ OTHER LEVEL

-----SCR------ 110V SCR MEDIUM LEVEL | 18" | - | - | -MEDIUM LEVEL 12" HIGH LEVEL 24" 12" 110V-277V 54" 36" 18" 36" | 110V-480V | 36" | 24" | 12" | 24" | 110V SCR 72" 54" 36" 54" 110V SCR 48" 36" 24" 36"

WATER PIPE | 6" | 6" | 6" | 6" |

SYSTEM LEVEL AR ARCHITECTURAL LIGHTING O - OTHER ENTRY BUTTON M - MEDIUM D DMX & ETHERNET O - OTHER O - OTHER ETHERNET FOCUS REMOTE O - OTHER 110V LIGHTING V - 100 VOLT

PERF LIGHTING VIDEO

M - MEDIUM

SYSTEM LEGEND

SYMBOLS KEY:

11<u>6161 - 1161</u>64

LIGHTING CIRCUIT BOX FACEPLATE BOX NUMBER

FACEPLATE

SUBNUMBER

DIMMER RACK

EQUIPMENT RACK

THEATRICAL LIGHTING INSTRUMENT

H**◯** WALL MOUNT

CEILING MOUNT

FLOOR MOUNT

LIGHTING CONTROL CIRCUIT BOX

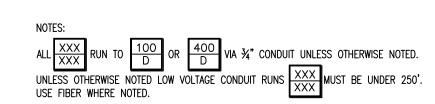
OPTIONAL INCLUDED SERVICE - SERVICE CODE & CIRCUIT COUNT

LIGHTING CONTROL BOARD

• Conduit 3/4" / 21mm unless otherwise noted.

PLV

- Electrical Contractor supplied backboxes 2 ½" deep unless otherwise noted.
- Field ganged gangable boxes are not acceptable.
- Where 1 gang flush mounted back boxes are required employ 2 gang back boxes with reducer rings.
- For surface mount conditions employ cast boxes.
- Control wire and cable is provided by Performance Lighting Control (PLC) contractor.
- Wire and cable carrying more than 100V provided by Electrical Contractor including all terminations.
- Power from the breakers to the electronics racks is provided by Electrical Contractor and terminated in the electronics racks by PLC contractor.
- Power in the electronics racks is provided by PLC contractor.
- Dimmer racks, relay panels, motorized breaker panels and company switches are supplied by PLC and installed by
- Back boxes are supplied by PLC contractor unless otherwise noted, except of "Gang" boxes which are supplied by the Electrical Contractor. All back boxes are installed by the Electrical Contractor.
- Conduit with pull lines is provided by Electrical Contractor.
- Control faceplates are provided by PLC contractor. Faceplates with terminations above 100V are supplied by PLC contractor to Electrical Contractor for installation by Electrical Contractor.



ALL XXX RUN TO DIMMER RACK, RELAY PANEL, OR MOTORIZED BREAKER PANEL AS NOTED. WIRE AND CONDUIT SIZE AS PER ENGINEERING DOCUMENTS. EACH CIRCUIT REQUIRES A DEDICATED NEUTRAL WIRE. ALL CIRCUITS ARE FULLY RATED.

"GANG" BACK BOXES ARE A MINIMUM OF 3" DEEP.

SEE SCHEDULE 11961-BL ON TEG100 BACKBOX TYPE, MOUNTING CONDITIONS, NUMBER OF CIRCUITS (ON SCR LOADS), ETC.

SEE ELECTRICAL DOCUMENTS FOR ENGINEERING INFORMATION.

CIRCUITS 1 - 96 TERMINATE AT DIMMER RACKS. CIRCUITS 97 AND ABOVE TERMINATE AT DMX DRIVEN MOTORIZED BREAKER/RELAY PANELS. SEE ELECTRICAL ENGINEERING DOCUMENTS FOR DETAILS AND OTHER SCHEDULES.

ighting WATER PIPE 6" 6" 6" 6" DUCT & HEAT SOURCE 12" 12" 12" 12" DUCT & HEAT SOURCE 12" 12" 12" 12" Theatre Upgrade

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DESIGN BY: JCA

Documents Drawing No.

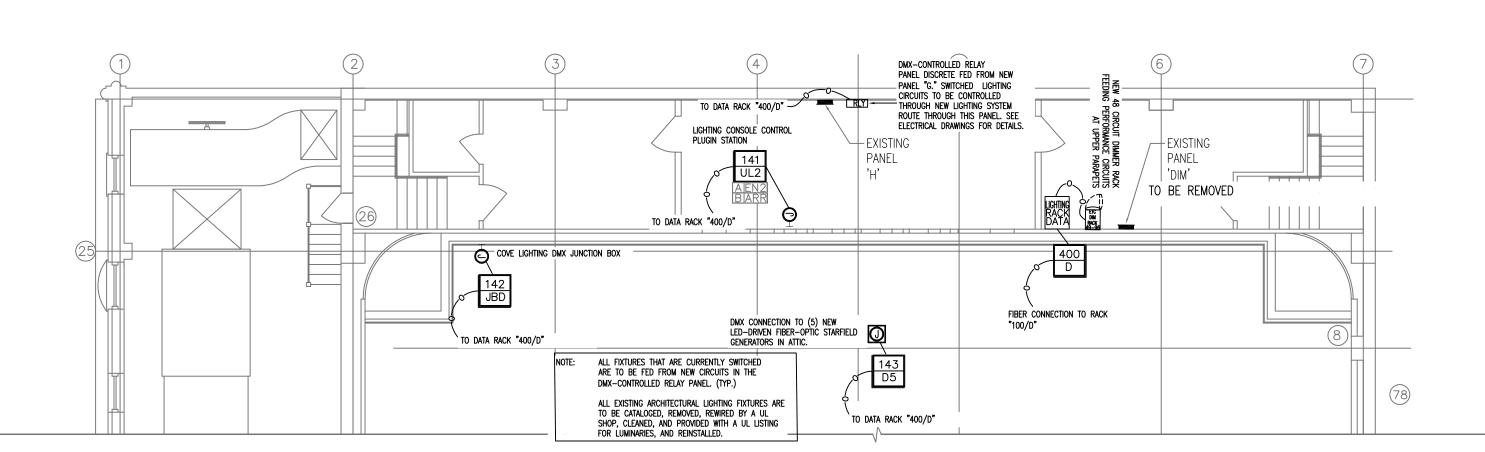
ISSUED FOR: 90% Construction

CHECKED BY: JCA

SCALE:

1/8" = 1'-0"

2 PERFORMANCE LIGHTING AND CONTROLS - PROSCENIUM ELEVATION
SCALE: 1/8" = 1'-0" (APPROXIMATE, GIVEN 1926 SCANNED DRAWING)



1 PERFORMANCE LIGHTING AND CONTROLS - 4TH FLOOR/BOOTH PLAN
SCALE: 1/8" = 1'-0"

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ONTARIO jallen@theatrecc.com

 OPTIONAL INCLUDED SERVICE - SERVICE CODE & CIRCUIT COUNT SUBNUMBER DIMMER RACK

SYMBOLS KEY:

11<u>6161 - 1161</u>64

LIGHTING CIRCUIT BOX FACEPLATE - BOX NUMBER

FACEPLATE

LIGHTING CONTROL CIRCUIT BOX

EQUIPMENT RACK

LIGHTING CONTROL BOARD

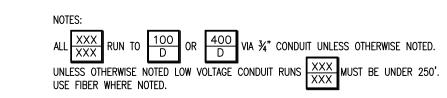
THEATRICAL LIGHTING INSTRUMENT H**◯** WALL MOUNT

CEILING MOUNT

FLOOR MOUNT

SYSTEM LEGEND									
SYSTEM		LEVEL							
AR	ARCHITECTURAL LIGHTING	O - OTHER							
В	ENTRY BUTTON	M - MEDIUM							
D	DMX & ETHERNET	O - OTHER							
E	ETHERNET	O - OTHER							
F	FOCUS REMOTE	O - OTHER							
PL	110V LIGHTING	V - 100 VOLT							
PLV	PERF LIGHTING VIDEO	M - MEDIUM							

- Conduit 3/4" / 21mm unless otherwise noted.
- Electrical Contractor supplied backboxes  $2\frac{1}{2}$  deep unless otherwise noted.
- Field ganged gangable boxes are not acceptable.
- Where 1 gang flush mounted back boxes are required employ 2 gang back boxes with reducer rings.
- For surface mount conditions employ cast boxes.
- Control wire and cable is provided by Performance Lighting Control (PLC) contractor.
- Wire and cable carrying more than 100V provided by Electrical Contractor including all terminations.
- Power from the breakers to the electronics racks is provided by Electrical Contractor and terminated in the electronics racks by PLC contractor.
- Power in the electronics racks is provided by PLC contractor.
- Dimmer racks, relay panels, motorized breaker panels and company switches are supplied by PLC and installed by Electrical Contractor.
- Back boxes are supplied by PLC contractor unless otherwise noted, except of "Gang" boxes which are supplied by the Electrical Contractor. All back boxes are installed by the Electrical Contractor.
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ALL XXX RUN TO DIMMER RACK, RELAY PANEL, OR MOTORIZED BREAKER PANEL AS NOTED. WIRE AND CONDUIT SIZE AS PER ENGINEERING DOCUMENTS. EACH CIRCUIT REQUIRES A DEDICATED NEUTRAL WIRE. ALL CIRCUITS ARE FULLY RATED.

"GANG" BACK BOXES ARE A MINIMUM OF 3" DEEP.

SEE SCHEDULE 11961-BL ON TEG100 BACKBOX TYPE, MOUNTING CONDITIONS, NUMBER OF CIRCUITS (ON SCR LOADS), ETC.

SEE ELECTRICAL DOCUMENTS FOR ENGINEERING INFORMATION.

CIRCUITS 1 - 96 TERMINATE AT DIMMER RACKS. CIRCUITS 97 AND ABOVE TERMINATE AT DMX DRIVEN MOTORIZED BREAKER/RELAY PANELS. SEE ELECTRICAL ENGINEERING DOCUMENTS FOR DETAILS AND OTHER SCHEDULES.

NONMETALLIC CONDUIT SEPARATION REQUIREMENTS & FREE AIR CABLE KEY — OF—— OF— OTHER LEVEL -----SCR------ 110V SCR MEDIUM LEVEL 12" MEDIUM LEVEL 18" | -HIGH LEVEL 24" 12" HIGH LEVEL 36" 18" - | 110V-277V | 54" | 36" | 18" | 36" | 110V SCR 72" 54" 36" 54"

WATER PIPE | 6" | 6" | 6" | 6" |

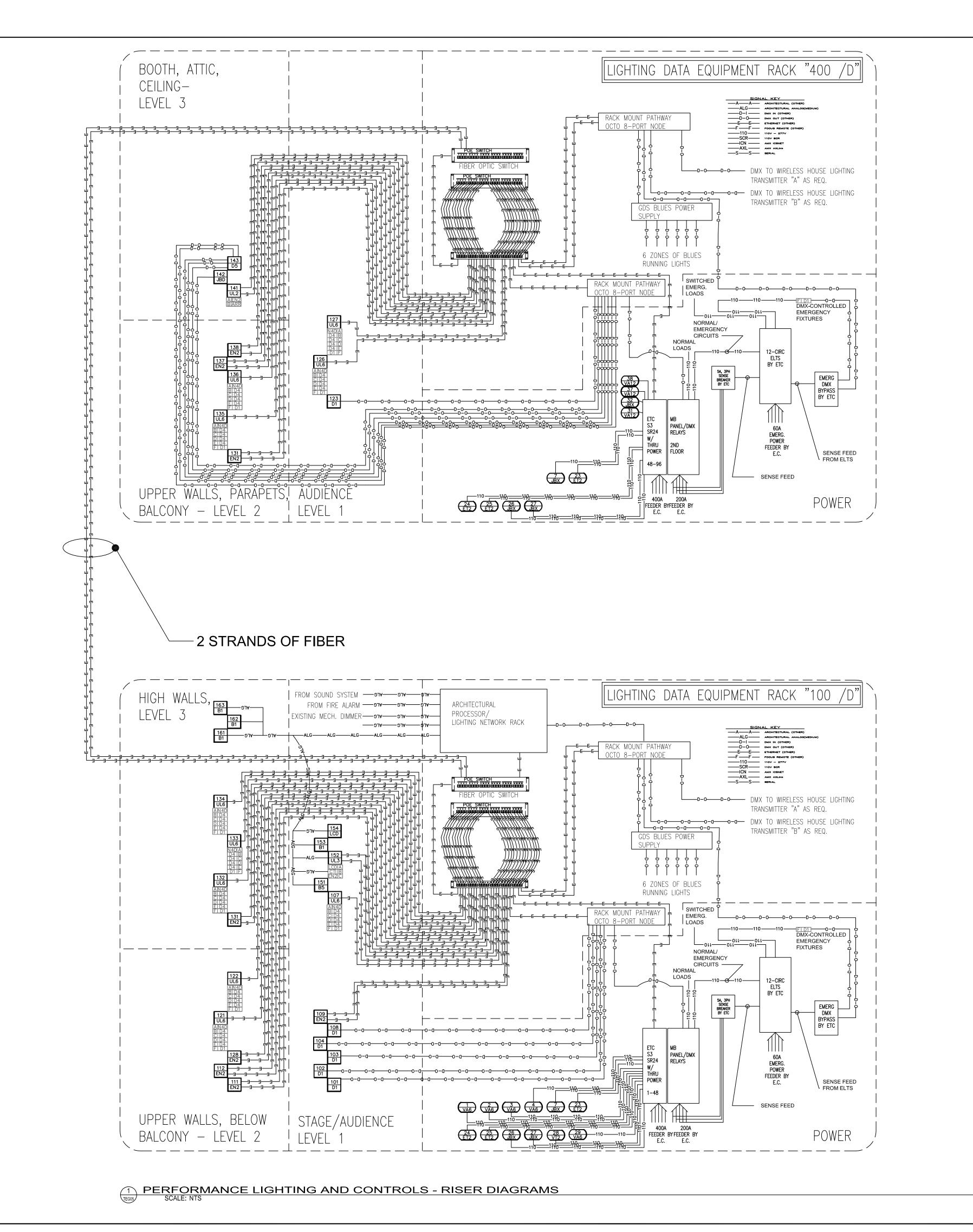
WATER PIPE 6" 6" 6" 6" DUCT & HEAT SOURCE 12" 12" 12" 12" | DUCT & HEAT SOURCE 12" 12" 12" 12"

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DESIGN BY: JCA CHECKED BY: JCA SCALE: 1/8" = 1'-0"

ISSUED FOR: 90% Construction Documents

Drawing No.



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consulting Engine 216
Tampa, Florida 33602 TEL 888.891.

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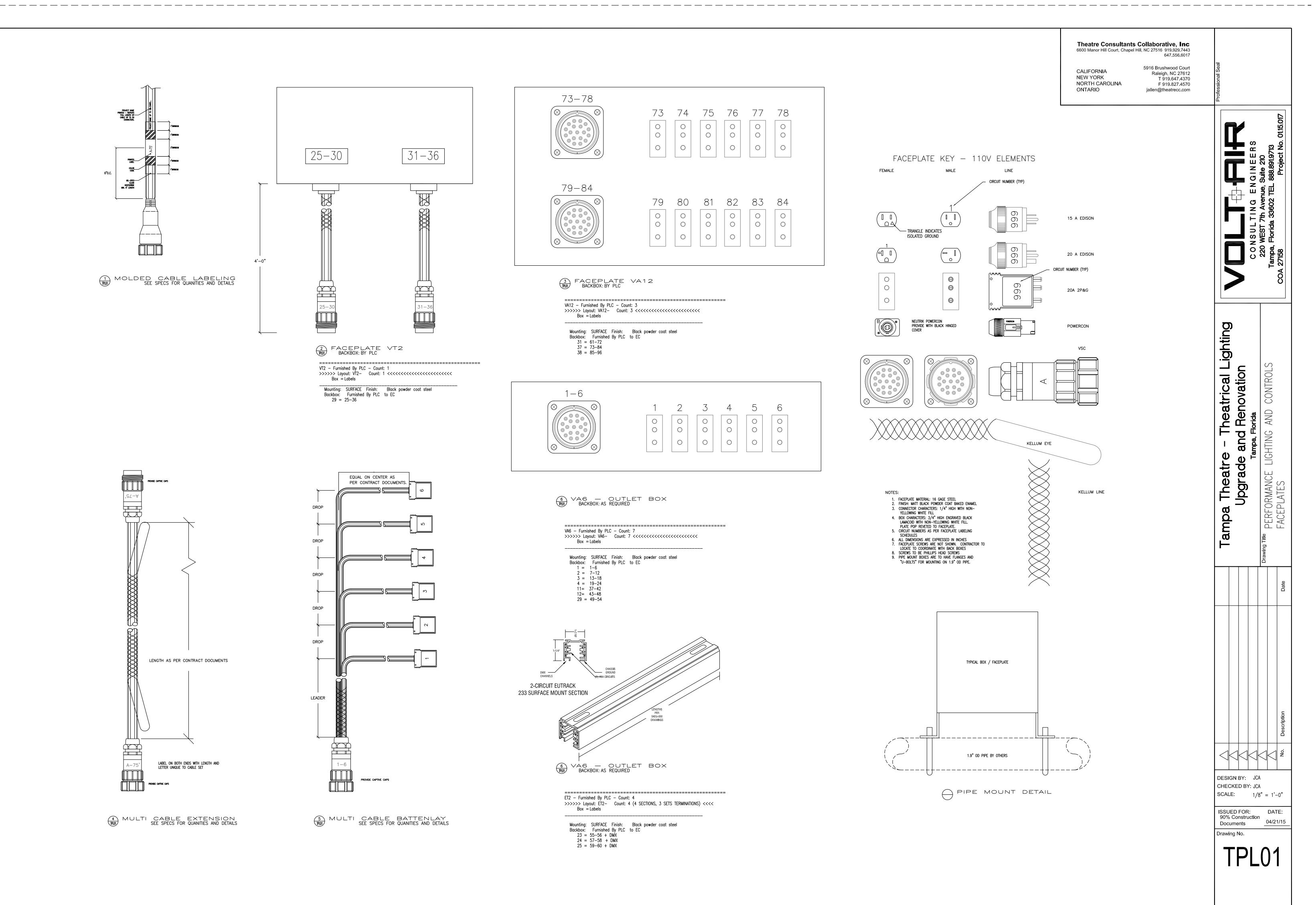
DESIGN BY: JCA
CHECKED BY: JCA
SCALE: 1/8" = 1'-0"

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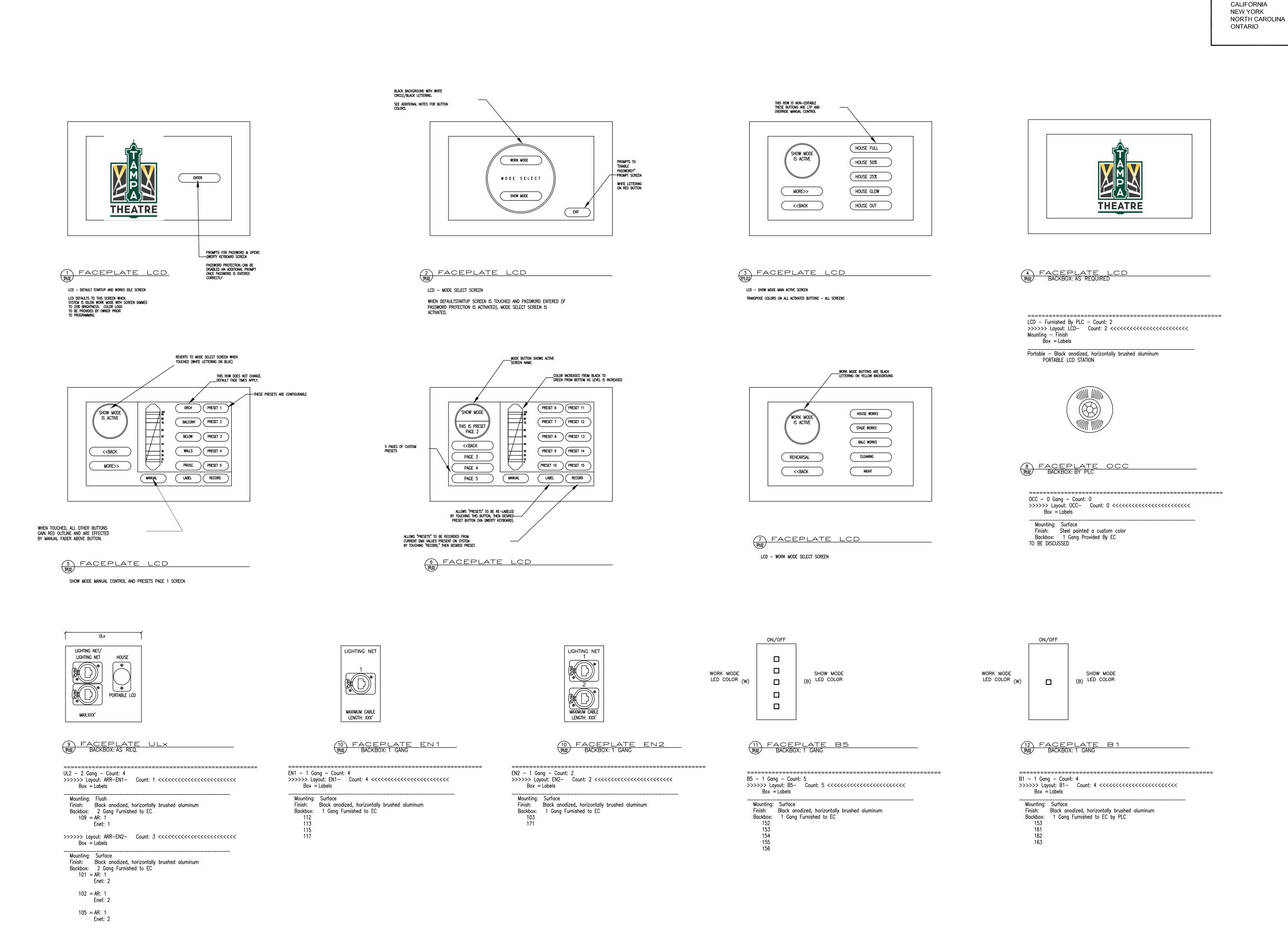
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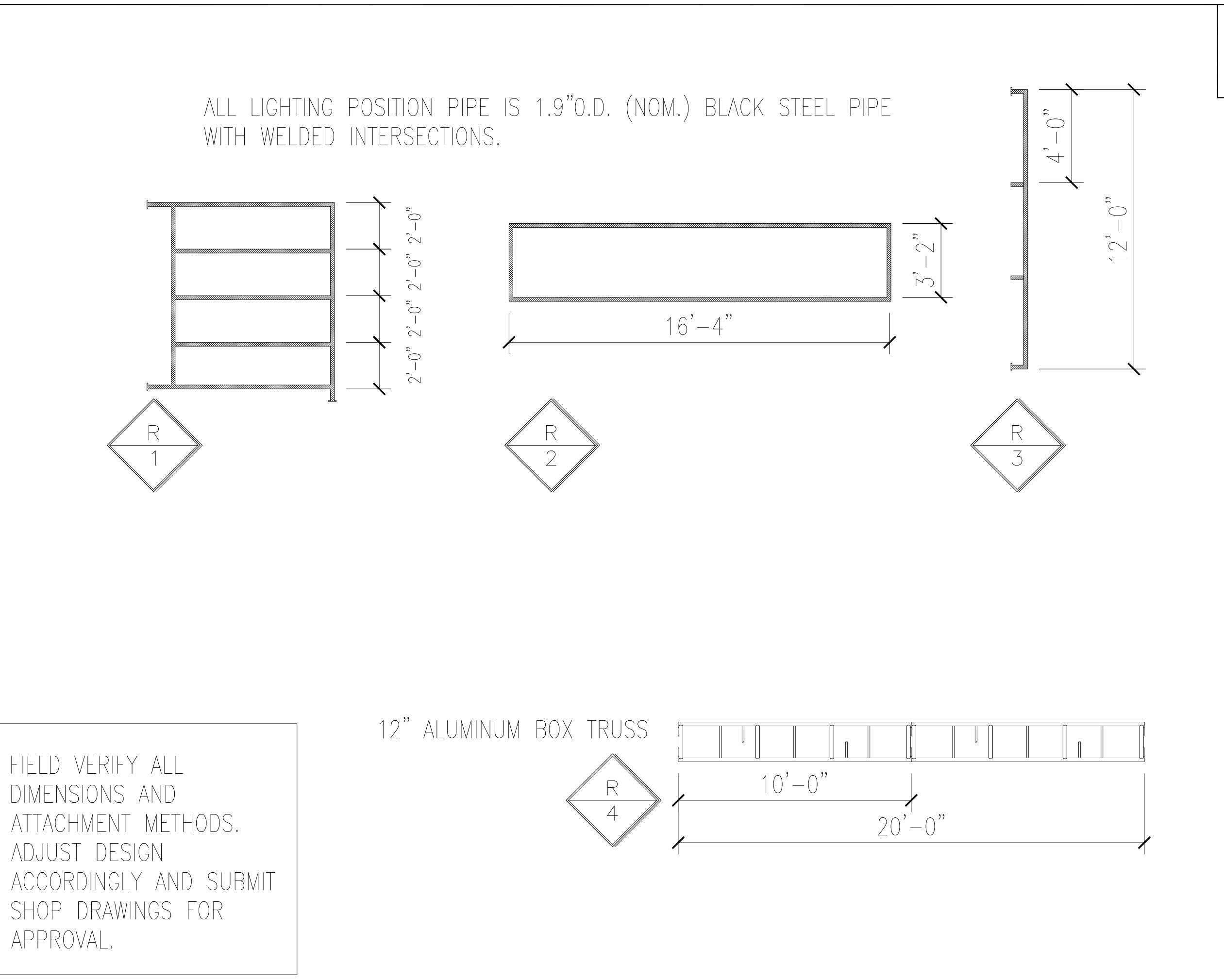
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heatrical Lighting Renovation

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ISSUED FOR: 90% Construction Documents

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